



June 8, 2007

EPA Region 5 Records Ctr.



325083

Indiana Department of Environmental Management
Cashiers Office IGCN-1340
100 N. Senate Ave.
P.O. Box 7060
Indianapolis, IN 46207-7060

**Voluntary Remediation Program Application
Geocel Holdings Corporation & Geocel Corporation
53280 Marina Drive - Elkhart, IN 46515**

To Whom It May Concern:

Roberts Environmental Services, LLC, on behalf of Geocel Holdings Corporation & Geocel Corporation, is submitting a Voluntary Remediation Program (VRP) application. Two (2) copies of the completed VRP application with original signatures are enclosed, along with a check from Geocel Holdings Corporation for the application fee. In addition to the application, two (2) copies of a Phase I Environmental Site Assessment (ESA) completed at the site are also enclosed. Feel free to contact us if you should require additional information to process the application.

Sincerely,

Roberts Environmental Services, LLC

David D. Jeffers, L.P.G.
Hydrogeologist/Project Manager

Roberts Environmental Services, LLC

Jeffrey C. Roberts
Senior Project Manager

001

CONFIDENTIAL**Voluntary Remediation Program Application**

Return
Completed
Application To:

Indiana Department of Environmental Management
Cashiers Office IGCN-1340
100 North Senate Avenue
P.O. Box 7060
Indianapolis, IN 46207-7060
(317) 233-0604

Project Number:

6 | | | | |

Account #: 2680-110000-421400

Pursuant to Indiana Code 13-25-5-2, this application to the Voluntary Remediation Program (VRP) will receive confidential treatment up until the Voluntary Remediation Agreement (VRA) is signed. Neither this application nor any information which comes from this application will be made available to the public until the VRA is signed. However, any material submitted to or generated by the VRP after the VRA is signed will be considered IDEM public record.

Section 1 - VRP Project Information

Voluntary Remediation Applicant
(Name to appear on the Covenant Not To Sue)

Applicant's Billing Contact
(If Same As Applicant, Please Mark Here ☒)

Applicant Name	GEOCEL HOLDINGS CORPORATION	Owner Name	
Mailing Address	P.O. Box 398	Mailing Address	
City, State, Zip	Elkhart, IN 46515-0398	City, State, Zip	
Phone & Fax	PH: 800-348-7651 FAX: 800-348-7009	Phone & Fax	
E-Mail		E-Mail	

VRP Project Name and Location

Applicant's Technical Contact
(All Correspondence Will Be Sent to Person Identified)

Facility Name	GEOCEL CORPORATION	Company	ROBERTS ENVIRONMENTAL SERVICES, LLC
Mailing Address	53280 MARINA DRIVE	Contact Person	DAVID D. JEFFERS, L.P.G.
City	ELKHART	Mailing Address	2112 CARMEN COURT
Zip Code	46515	City, State, Zip	GOSHEN, IN 46526
County	ELKHART	Phone & Fax	PH: 574-537-0881 FAX: 574-537-9021
EPA ID Number:	IND069763639	E-Mail	djeffers@robertsenvserv.com

Applicable Facility Standard Industry Code(s) & Description(s):

SIC Number: 2891

Description: MANUFACTURER OF SEALANTS, CAULKS, & ADHESIVES

*Please provide information on an additional page if there are not enough spaces for entries.

Anticipated Future Facility Use:

- ☐ Residential
☒ Non-Residential
☐ Currently Undetermined

Years of Current Facility Operation:

~30 Years (Current Operation) ☐ Unknown
 ~30 Total years site has been in use (Current and historic)

Current Site Status

- ☐ Undergoing Property Transfer ☐ Residential
☒ Active Operations ☒ Commercial/Industrial
☐ Inactive Operations

Official State Use Only
Date Stamp

Other IDEM Offices:

Does this site have a previous history with the Voluntary Remediation Program? ☐ Yes (if yes, please attach appropriate page from Section 4)

☒ No

Is this application the result of a referral from, or under the jurisdiction of, another IDEM office?

☐ Yes (If yes, indicate which office.) ☒ No

☐ Brownfields Program

☐ RCRA / Corrective Action

☐ Emergency Response/ Remedial Response Program

☐ Leaking Underground Storage Tanks (LUST) / Underground Storage Tanks (UST)

☐ State Cleanup Section

☐ Office of Enforcement

☐ Office of Solid Waste (Landfills)

☐ Site Investigations (SI)

☐ Other Office: Office: _____ Incident# (if applicable) _____

IDEM Contact Name: _____ Phone #: _____

*If you checked any of the programs above, please attach appropriate pages from Section 3 in Attachment D.

Ultimate Goal of Remediation Action

☐ Limited Portion(s) of the Property

☒ Entire Property

**Contaminant Source Size
(defined to appropriate Health Protective Levels):**

☐ Currently Undetermined

☐ less than or equal to 0.50 acre

☒ greater than 0.50 acre

Known or Anticipated VRP Project Hazards/Conditions:

☐ None ☐ Infectious Materials ☐ Radioactivity ☐ Confined Spaces ☐ Explosive Conditions

☐ Reactive Materials ☒ Known Off-Site Contamination ☐ Other: _____

**Project Investigation
Status:**

☐ None
☒ Ongoing
☐ Complete

**Project
Remediation
Status:**

☒ None (scheduled)
☐ Ongoing
☐ Complete

Site Tax Status

1. Are you applying for an Indiana State Tax Credit? ☒ Yes ☐ No
2. Are you submitting this application for the purpose of receiving a waiver of state taxes from the State Tax Commission? ☒ Yes ☐ No

**Documents Anticipated To Be Submitted for VRP
Review: (Please Check all that will apply)**

☐ Phase II Investigation Work Plan
☒ Phase II Investigation Report
☒ Remediation Work Plan (VRP requirement)
☐ Site Specific Risk Assessment
☒ Remediation Completion Report (VRP requirement)

Property Ownership

Do you own this property? ☒ Yes ☒ No (If no, answer next question)

If not, do you have legal access rights to this property from the property owner?

☐ Yes ☐ No

On-site property is owned by applicant. Verbal access has been granted to several off-site properties to date.

Constituents of Concern, Media and Cleanup Goals
(CHECK ALL THAT MAY APPLY)

RISC GUIDANCE

CONSTITUENTS OF CONCERN	MEDIA	Residential Default	Non-Residential Default	Nondefault	Undetermined
BTEX	Surface Soils				
	Subsurface Soils				
	Groundwater				
	Sediments				
OTHER VOCs	Surface Soils				X
	Subsurface Soils				X
	Groundwater				X
	Sediments				
PAHs	Surface Soils				
	Subsurface Soils				X
	Groundwater				X
	Sediments				
OTHER SVOCs	Surface Soils				
	Subsurface Soils				X
	Groundwater				X
	Sediments				
LEAD	Surface Soils				
	Subsurface Soils				
	Groundwater				
	Sediments				
OTHER METALS	Surface Soils				
	Subsurface Soils				
	Groundwater				
	Sediments				
CYANIDE	Surface Soils				
	Subsurface Soils				
	Groundwater				
	Sediments				

*Continued on next page

Constituents of Concern, Media and Cleanup Goals
(CHECK ALL THAT MAY APPLY)
(CONTINUED)

RISC GUIDANCE

CONSTITUENTS OF CONCERN	MEDIA	Residential Default	Non-Residential Default	Nondefault	Undetermined
PCBs	Surface Soils				
	Subsurface Soils				
	Groundwater				
	Sediments				
PESTICIDES/HERBICIDES	Surface Soils				
	Subsurface Soils				
	Groundwater				
	Sediments				
PETROLEUM	Surface Soils				
	Subsurface Soils				X
	Groundwater				X
	Sediments				
OTHER	Surface Soils				
	Subsurface Soils				
	Groundwater				
	Sediments				

Local Drinking Water Supply: <div> <div>Surface</div> <div>Groundwater</div> </div> <div> Municipal <input type="checkbox"/> </div> <div> Private/Residential <input type="checkbox"/> </div> <div> (see attached map of local drinking water sources) </div>	Local Drinking Water Supply Distance From Facility: <div> <div>~150 Feet</div> <div>Mile(s)</div> </div> <div> Is the site in a designated Wellhead Protection Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div> <div> Is the site in a designated Sole Source Aquifer? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </div>
Local Surface Water Bodies Near Facility: (check closest) <input checked="" type="checkbox"/> Wetland(s) <input type="checkbox"/> Stream(s) <input type="checkbox"/> River(s) <input type="checkbox"/> Lake(s) <input checked="" type="checkbox"/> Pond(s)	Local Surface Water Bodies Distance From Facility: <div> <div>~1,650 Feet</div> <div>Mile(s)</div> </div>

On-site Water Supply and Usage: <div> <div>Well(s) -</div> <div> <input checked="" type="checkbox"/> Municipal - <input checked="" type="checkbox"/> Drinking </div> <div> <input type="checkbox"/> Production </div> <div> <input type="checkbox"/> Both </div> </div> <div> (Irrigation) </div>	Site Specific Depth to Groundwater: <div> <div>~3.5 to 5.0 feet</div> <div><input type="checkbox"/> Currently Unknown</div> </div> <div> Site Specific Principal Groundwater Flow Direction: <input type="checkbox"/> Unknown <input type="checkbox"/> NW <input type="checkbox"/> N <input type="checkbox"/> NE <input type="checkbox"/> E <input type="checkbox"/> SE <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> SW <input type="checkbox"/> W </div>
---	--

Chronological Summary and Conclusions:

Facility Operational History:

Operations at the site involve the manufacturing and packaging of sealants, caulks, and adhesives. General processes include product formulation/mixing and packaging into tubes and other containers. A variety of hazardous and non-hazardous chemicals are used and stored at the site, including tetrachloroethylene (PERC) and SC-100 (petroleum hydrocarbon blend). The site consists of a 55,000 square feet production building with two-story offices located in the northwestern portion of the building. Similar operations have been conducted at the site since approximately 1977/1978, before this time the property was a cultivated field.

Past Spill History (If no incidents have occurred, please mark here ()):

Spill history is generally unknown. Portions of the site appear to have been impacted by surface spills and other portions of the site appear to have been impacted from spills and/or leaks associated with former underground storage tank (UST) systems that were decommissioned (removed) in 1986.

Geologic Information:

On-site and off-site investigation activities completed to date indicate a general soil stratigraphy of silty sands near surface grade (0.0 to 2.0 feet) with sands and gravels below (see attached boring logs from select monitoring well installations). A relatively thick (4.0 to 5.0 feet thick) clay layer exists approximately 140-feet below surface grade across the site. Shale bedrock is encountered at a depth of approximately 200-feet below surface grade.

Hydrogeologic Information:

On-site and off-site investigation activities completed to date indicate the depth to ground water across the study area is approximately 3.5 to 5.0 feet below surface grade. The impacted aquifer is unconfined. Ground water flow calculations indicate a ground water flow direction of approximately South 10 degrees West to South 15 degrees West with a hydraulic gradient of approximately 0.001 ft/ft. Assuming an average hydraulic conductivity of 250 feet/day and an effective porosity of 25%, the average linear velocity would be approximately 1.0 feet/day. (see attached ground water flow map)

Off-Site Migration & Pathways (if not impacted, please mark here ()); if unknown please mark here ()):

The contaminant plume in the eastern area of concern (EAC) appears to be primarily confined to the site, with only relatively low concentrations of chemicals of concern (COCs) migrating off-site to the facility located directly south of the site. The contaminant plume in the western area of concern (WAC) appears to have migrated off-site, impacting ground water at facilities south of the site along Marina Drive. The full extent of the WAC contaminant plume has not been fully delineated at this time. Additional investigation activities are scheduled for June 2007 in the off-site WAC. (see attached figures & tables)

Miscellaneous Environmental Information:

☒ Previous Facility Study (please include Title, Author & Date): Phase I Environmental Site Assessment, Roberts
Environmental Services, LLC, October 20, 2006 (enclosed).

☐ Other (please include Title, Author, and Date): _____

☐ U.S. Geological Survey ☐ State Reports ☐ Soil Conservation Service ☐ Past Voluntary Site Specific Data Collection
☐ Regulatory Reporting ☐ Other Governmental Agencies ☐ Other: _____

Do the conditions regarding hazardous substances or petroleum, as described in this application, constitute an imminent or substantial threat to human health or the environment? If so, please explain below: ☐ No ☒ Yes

Possible downgradient receptors may include private residential wells. Expedited sampling and analysis of these wells is currently being coordinated with the Elkhart County Health Department (ECHD) and results are anticipated by the end of June 2007. Sampling and analysis of private water wells at the Keyline Sales facility and the Marine Fasteners facility south of the site have been completed and the results indicate that these wells have not been impacted. (see attached map of local drinking water sources)

Section 2 - Statement of Certification

Pursuant to Indiana Code 13-25-5-2, your application to the Voluntary Remediation Program (VRP) will be confidential until the Voluntary Remediation Agreement (VRA) is signed. At that time, the application will become public information. Any material submitted to or generated by the VRP after the issuance of the VRA will also be considered IDEM public record.

I, Don L. Kimball, do hereby attest and certify that the information included herein is, to the best
(Print or Type Name of Applicant)

of my knowledge and belief, accurate and complete.

Don L. Kimball
Signature of Applicant

June 7, 2007
Date

Attachment Information:

This application **will not** be considered complete, and may be rejected, unless the following Attachments are included:

Attachment A: Please attach a *detailed* site map illustrating identified area(s) targeted for VRP efforts. For an explanation of a detailed site map, please see Attachment A instructions.

Attachment B: Provide a clean copy (without company headers, footers, or watermarks) of the legal description of the entire facility. If a portion of the facility is slated for remediation, then the area must be identified on an appropriate site map(s) and that area's legal description will have to be provided in either written or digital format (please include the facility street address, township, range, section, direction lines, distances, etc...). A professional survey or GPS collected UTM coordinates of the area can also be provided as supplemental information, or if currently not available, program participants must supply it in the Completion Report at the end of the project. This information will be reflected in the Certificate of Completion and Covenant Not to Sue.

Attachment C: Please check Application Form Instructions and provide the pertinent Facility Universal Transverse Mercator (UTM) coordinates information and include as Attachment C.

Attachment D: Additional pages from Section 3 (if applicable).

Section 3- Application Attachment Pages

CO-APPLICANT ATTACHMENT

Pursuant to Indiana Code 13-25-5-2, this application to the Voluntary Remediation Program (VRP) will receive confidential treatment up until the Voluntary Remediation Agreement (VRA) is signed. Neither this application nor any information which comes from this application will be made available to the public until the VRA is signed. However, any material submitted to or generated by the VRP after the VRA is signed will be considered IDEM public record.

Section 1 - VRP Facility Declarations

Voluntary Remediation Applicant (Name to appear on the Covenant Not To Sue)		Applicant-s Billing Contact (If Same As Applicant, Please Mark Here ())	
Applicant Name:	GEOCEL CORPORATION	Owner Name:	GEOCEL HOLDINGS CORPORATION
Mailing Address:	53280 MARINA DRIVE	Mailing Address:	P.O. Box 398
City, State, Zip:	ELKHART, IN 46515	City, State, Zip:	Elkhart, IN 46515-0398
Phone & Fax:	PH: 800-348-7651 FAX: 800-348-7009	Phone & Fax:	PH: 800-348-7651 FAX: 800-348-7009
E-Mail:		E-Mail:	

VRP Project Name and Location		Applicant-s Technical Contact (All Correspondence Will Be Sent to Person Identified)	
Facility Name:	GEOCEL CORPORATION	Company:	ROBERTS ENVIRONMENTAL SERVICES, LLC
Mailing Address:	53280 MARINA DRIVE	Contact Person:	DAVID D. JEFFERS, L.P.G.
City:	ELKHART	Mailing Address:	2112 CARMEN COURT
Zip Code:	46515	City, State, Zip:	GOSHEN, IN 46526
County:	ELKHART	Phone & Fax:	PH: 574-537-0881 FAX: 574-537-9021
EPA ID Number:	IND069763639	E-Mail:	djeffers@robertsenvserv.com

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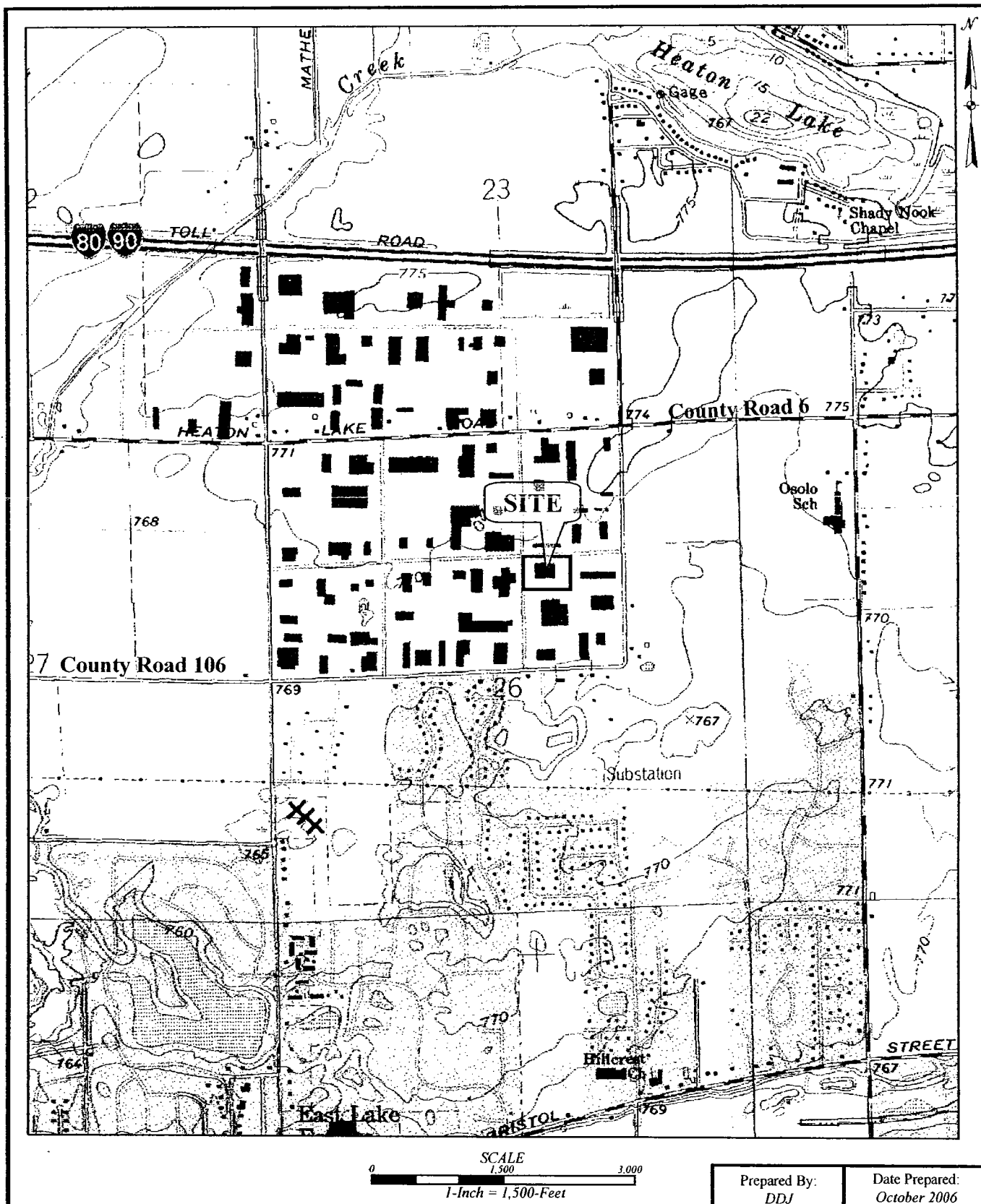
I, Don L. Frubill, do hereby attest and certify that the information included herein is, to the best of my knowledge and belief, accurate and complete.

Don L. Frubill
Signature of Applicant

June 7 2007
Date

GEOCEL HOLDINGS CORPORATION
VRP APPLICATION
ATTACHMENT A

- USGS Topographic Map (Site Location Map)
- Site Survey Map
- Estimated Extent of Ground Water Contamination
- Ground Water Flow Map
- Local Drinking Water Sources Map
- Select Boring Logs
- Laboratory Results Summary Tables



2112 Carmen Court ▲ Goshen, Indiana 46526
Ph: (574) 537-0881 ▲ www.robertsenvserv.com

FIGURE 1
SITE VICINITY MAP
GEOCEL CORPORATION FACILITY
53280 MARINA DRIVE
ELKHART, INDIANA

RETRACEMENT & TOPOGRAPHIC SURVEY

MARINA DRIVE, ELKHART, INDIANA 46514
0-02-26-251-001

SURVEYOR'S REPORT

IN ACCORDANCE WITH TITLE 865, ARTICLE 1, CHAPTER 12 OF THE INDIANA ADMINISTRATIVE CODE, THE FOLLOWING OBSERVATIONS AND OPINIONS ARE SUBMITTED REGARDING THE VARIOUS UNCERTAINTIES IN THE LOCATIONS OF THE LINES AND CORNERS ESTABLISHED ON THIS SURVEY AS A RESULT OF:

- Variances in the reference monuments
- Discrepancies in record description and plats.
- Inconsistencies in lines of occupation, and;
- Random Errors in Measurement (Theoretical Uncertainty):

The Theoretical Uncertainty (due to random errors in measurement) of the corners of the subject tract established this survey is within the specifications for a Class C Survey (0.50 feet) as

THIS IS A RETRACEMENT SURVEY OF LOT A-31 AS SAID LOT IS DESIGNATED ON THE PLAT OF NORTHLAND PARK SECOND SECTION AS RECORDED IN THE OFFICE OF THE RECORDER OF ELKHART COUNTY IN PLAT BOOK 13, PAGE 62 AND IS UNDER THE OWNERSHIP OF GEODEL HOLDINGS CORPORATION AS DESCRIBED AND RECORDED IN THE OFFICE OF THE RECORDER OF ELKHART COUNTY IN INSTRUMENT #2000-25301. A REVIEW OF THE PLAT OF NORTHLAND PARK SECOND SECTION INDICATES NO MONUMENTS WERE SET AT THE CORNERS OF THE LOTS IN THIS SUBDIVISION. LOT A-32 WAS SURVEYED UNDER MY SUPERVISION DECEMBER 7, 1999. A COPY OF THIS SURVEY IS RECORDED IN THE OFFICE OF THE RECORDER OF ELKHART COUNTY IN INSTRUMENT #2000-03100.

ESTABLISHMENT OF BOUNDARY LINES OF LOT A-31 DURING THE 1999 SURVEY, THE OUTSIDE BOUNDARY OF THE PLAT OF NORTHLAND PARK SECOND SECTION WAS TRAVERSED TO ESTABLISH THE BEARINGS AND DISTANCES AROUND THE LINES OF SAID PLAT. THE FOLLOWING CORNERS WERE RECOVERED DURING THE 1999 SURVEY:

EXISTING MONUMENTS

- THE NORTHWEST CORNER OF SECTION 26-T38N-R5E A 3 INCH DIAMETER COUNTY MONUMENT WAS FOUND FLUSH WITH THE SURFACE OF THE ASPHALT PAVEMENT.
- THE WEST QUARTER-CORNER OF SECTION 26-T38N-R5E A 2 INCH SQUARE COUNTY MONUMENT WAS FOUND 5 INCHES BELOW THE SURFACE OF THE ASPHALT PAVEMENT.
- THE NORTH QUARTER-CORNER OF SECTION 26-T38N-R5E A 3 INCH DIAMETER COUNTY MONUMENT WAS FOUND FLUSH WITH THE SURFACE OF THE ASPHALT PAVEMENT.
- THE NORTHEAST CORNER OF SECTION 26-T38N-R5E A 4 INCH DIAMETER COUNTY MONUMENT WAS FOUND FLUSH WITH THE SURFACE OF THE ASPHALT PAVEMENT.
- THE NORTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST CORNER OF SECTION 26-T38N-R5E A SPINDLE WAS FOUND FLUSH WITH THE SURFACE OF THE ASPHALT PAVEMENT. IN ADDITION A P.K. NAIL WAS FOUND 0.83 FEET WEST OF THE SPINDLE AND A MONUMENT WAS FOUND 2.55 FEET WEST OF THE SPINDLE.
- THE SOUTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 26-T38N-R5E A MONUMENT WAS FOUND. THIS WAS A 1/2 INCH IRON PIPE IN CONCRETE.
- THE RIGHT OF WAYS OF MARINA DRIVE AND COOPER DRIVE 1/2 INCH IRON PIPES WERE FOUND AT THE INTERSECTION OF THE NORTHEAST CORNER OF SAID MARINA AND COOPER AND THE SOUTHWEST CORNER OF SAID MARINA AND COOPER DRIVES

MEASUREMENTS WERE MADE BETWEEN THE ABOVE DESCRIBED EXISTING MONUMENTS TO ESTABLISH THE MEASURED BEARING AND DISTANCES BETWEEN SAID MONUMENTS

ESTABLISHMENTS OF BOUNDARY LINES LOT A-31 AND LOT A-32

- THE EAST LINE OF LOT A-32 WAS ESTABLISHED AS FOLLOWS:
THE CENTERLINE OF COUNTY ROAD NUMBER 113 WAS ESTABLISHED ON A STRAIGHT LINE BETWEEN THE 1/2 INCH IRON PIPE WAS FOUND AT THE SOUTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF SAID SECTION 26 AND THE SPINDLE FOUND AT THE NORTHEAST CORNER OF THE WEST HALF OF THE NORTHEAST QUARTER OF SAID SECTION 26.
THE NORTHEAST CORNER OF LOT A-32 WAS ESTABLISHED AT THE RECORDED DISTANCE OF 975.00 FEET SOUTH OF THE SPINDLE DESCRIBED ABOVE IN NUMBER 5 AND THE SOUTHEAST CORNER OF LOT A-32 WAS ESTABLISHED AT RECORDED DISTANCE OF 220.00 FEET NORTH OF THE 1/2 INCH IRON PIPE AS DESCRIBED ABOVE IN NUMBER 5. THE DISTANCE WAS CALCULATED FROM THE NORTHEAST CORNER OF LOT A-19 TO THE SOUTHEAST CORNER OF LOT A-32 AND THE NORTHEAST AND SOUTHEAST CORNERS OF LOT A-32 ESTABLISHED BY PRORATION.
THE EAST LINE OF LOT A-32 WAS RECORDED AT 400.00 FEET. THIS MEASURED DURING THIS SURVEY AT 388.48 FEET.
THE SOUTHEAST CORNER OF LOT A-32 WAS MONUMENTED WITH A 3/4 INCH REBAR WITH PLASTIC CAP MARKED BRADS-KO S0464.
- THE NORTHEAST CORNER OF LOT A-32 WAS MONUMENTED WITH A MAG NAIL SET FLUSH WITH THE SURFACE OF THE ASPHALT PAVEMENT.
- THE NORTH LINE OF LOT A-31 AND LOT A-32 WAS ESTABLISHED ON A STRAIGHT LINE BETWEEN THE MAG NAIL SET AT THE NORTHEAST CORNER OF LOT A-32 AND THE NORTHEAST CORNER OF LOT A-31. A 3/4 INCH REBAR WITH CAP MARKED BRADS-KO WAS SET AT THE NORTHEAST CORNER OF SAID LOT A-31. THIS WAS ESTABLISHED BY MEASUREMENTS MADE TO THE 1/2 INCH IRON PIPES FOUND AT THE NORTHEAST CORNERS AND THE SOUTHWEST CORNERS OF COOPER DRIVE AND MARINA DRIVE AS DESCRIBED ABOVE IN NUMBER 7 (VARIANCES OF UP TO .20 FEET WERE FOUND TO EXIST). THE DISTANCE WAS CALCULATED BETWEEN THE NORTHEAST CORNER OF LOT A-31 AND THE NORTHEAST CORNER OF LOT A-32 WITH THE NORTHEAST CORNER OF THE LOT A-31 BEING ESTABLISHED BY PRORATION. THE NORTH LINE OF LOT A-31 WAS RECORDED AT THE DISTANCE OF 520.00 FEET. THIS MEASURED AT 520.09 FEET. A 3/4 INCH REBAR WITH PLASTIC CAP MARKED BRADS-KO S0484 WAS FOUND AT THE NORTHEAST CORNER OF SAID LOT NUMBER A-31. THIS WAS SET DURING 1999 SURVEY.
- THE EAST RIGHT OF WAY LINE OF MARINA DRIVE LYING BETWEEN COOPER DRIVE AND COUNTY ROAD NUMBER 106 WAS ESTABLISHED BY A CALCULATION OF THE DISTANCE BETWEEN THE SOUTHWEST CORNER OF LOT NUMBERED A-36 AND THE SOUTHWEST CORNER OF LOT A-25 WITH THE SOUTHWEST CORNER OF LOT A-35 BEING ESTABLISHED BY PRORATION OF THE CALCULATED DISTANCE.
- THE SOUTH LINE OF LOT A-31 WAS ESTABLISHED ON A STRAIGHT LINE BETWEEN THE CALCULATED POSITION OF THE SOUTHWEST CORNER LOT A-31 AND THE REBAR SET AT THE SOUTHEAST CORNER OF LOT A-32. THE DISTANCE WAS CALCULATED BETWEEN THE SOUTHWEST CORNER OF LOT A-31 AND THE SOUTHEAST CORNER OF LOT A-32 AND THE SOUTHWEST CORNER OF LOT A-31 WAS ESTABLISHED BY PRORATION OF THIS CALCULATED DISTANCE. A 3/4 INCH REBAR WITH PLASTIC CAP MARKED BRADS-KO S0464 FOUND AT THIS LOCATION. THIS WAS SET DURING THE 1999 SURVEY.

THIS SURVEY WAS PERFORMED UNDER MY SUPERVISION WITH THE LAST DATE OF THE FIELD SURVEY BEING JANUARY 10, 2007.

THE BASIS FOR THE BEARINGS OF THIS SURVEY IS THE RECORDED BEARING ALONG THE SOUTH LINE OF THE PLAT OF NORTHLAND PARK SECOND SECTION (PLAT BOOK 13, PAGE 62) WITH THE BEARING OF SOUTH 90 DEGREES 00 MINUTES 00 SECONDS WEST AND ALL BEARINGS FOR THIS SURVEY ARE RELATIVE TO THE SOUTH LINE OF SAID PLAT. AS A RESULT OF THE OBSERVATIONS ON THIS DRAWING, IT IS MY OPINION THAT THE UNCERTAINTIES IN THE LOCATION OF THE LINES AND CORNERS ESTABLISHED ON THIS SURVEY ARE AS FOLLOWS:

DUE TO VARIANCES IN REFERENCE MONUMENTS: 0.50 FEET EAST-WEST 0.50 FEET NORTH-SOUTH

DUE TO DISCREPANCIES IN THE RECORD DESCRIPTION:

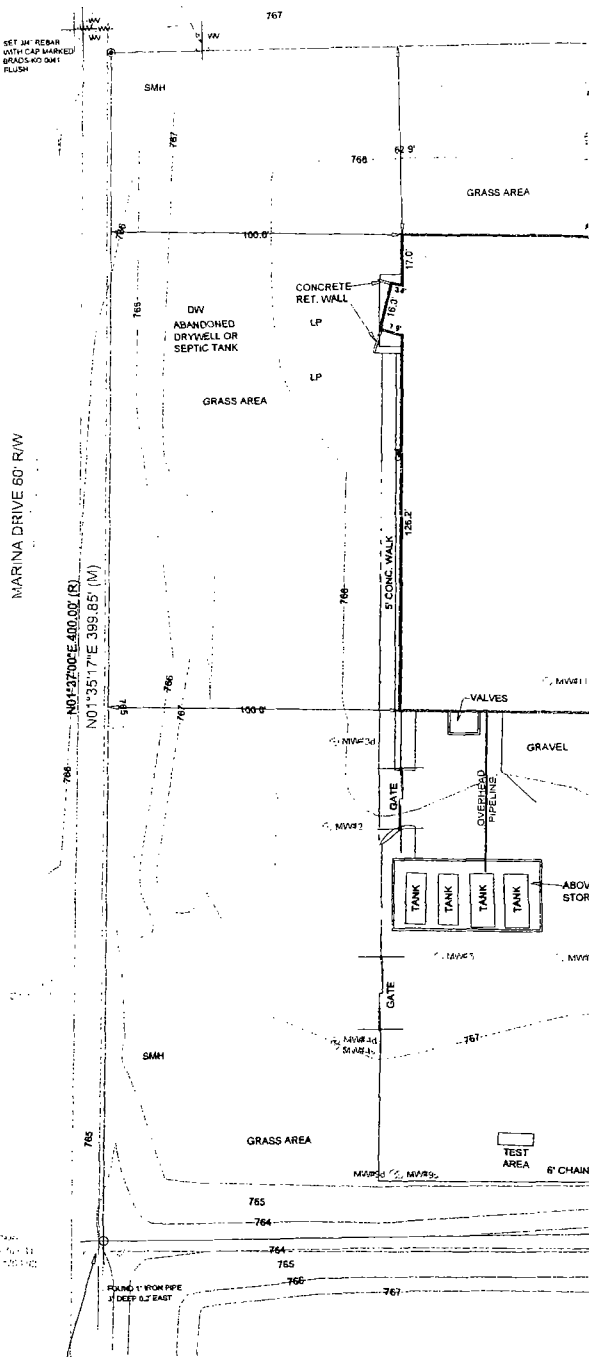
NO OVERLAPS OR GAPS WOULD APPEAR TO EXIST WITH ANY ADJOINING PARCELS. ALL ADJOINERS ARE DESCRIBED AS BEING LOTS IN THE PLAT OF NORTHLAND PARK SECOND SECTION. OVERLAPS OR GAPS MAY EXIST IF DIFFERENT THEORIES OF ESTABLISHMENT, MONUMENTS OR PROCEDURES WERE USED OTHER THAN THE ONES DESCRIBED ABOVE TO ESTABLISH THE LINES OF LOT A-31 AND LOT A-32. THESE DISCREPANCIES FROM THE PROPORTED DISTANCES WOULD APPEAR TO BE LESS THAN 0.2 FEET NORTH-SOUTH AND 0.2 FEET EAST-WEST.

DUE TO INCONSISTENCIES IN LINES OF OCCUPATION:

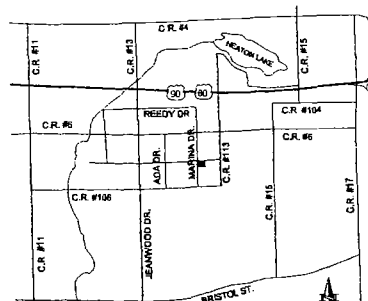
OCCUPATION ALONG THE LINES OF LOT A-31 ARE AS SHOWN ON THIS SURVEY DRAWING.

I, the undersigned, an Indiana Registered Land Surveyor hereby certify that on the date shown, A SURVEY WAS COMPLETED UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS PLAT IS A REPRESENTATION OF SAID SURVEY. I AFFIRM, UNDER THE PENALTIES FOR PERJURY, THAT I HAVE TAKEN REASONABLE CARE TO REDACT EACH SOCIAL SECURITY NUMBER IN THIS DOCUMENT, UNLESS REQUIRED BY LAW.

BENCHMARK NO. 2
CROSS-CUT IN SOUTHEAST BOLT OF FIRE
HYDRANT NEAR NORTHWEST CORNER OF
PROJECT AT ELEVATION 769.24 FEET



BENCHMARK NO. 1
MAG NAIL SET IN EAST FACE OF POWER
POLE #E171-303 NEAR SOUTHWEST
CORNER OF PROJECT AT ELEVATION
765.30 FEET.



LOCATION MAP
N.T.S.

Brads-Ko Engineering
& Surveying, Inc.

2 South Ninth St. Goshen, IN 46526
Phone 574 533-9913 Fax 574 533-9911

Gregory C. Shock, R.L.S. S0484
Vice President

DRAWN BY:	APPROVED BY:	REVISIONS:
DATE:	PROJ. NO.	
DWG. NO.:	FILE NAME:	



2112 Carmen Court
Goshen, Indiana
Ph: (574) 537-0881
www.robertsenvserv.com

Project Number: 06-10246-33

WELL NUMBER: BG-1

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: May 14 & 15, 2007

Surveyed (check if Yes): ☐
TOC Elevation = Approx. 767
X =
Y =

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface (Elev. = 767)		0	BORING GROUTED AFTER COMPLETION
0 - 5	12:04	20	0.0	TOPSOIL		2	
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		4	
5 - 10	12:05	20	2.2	MEDIUM/FINE SAND 70% Medium Sand, 30% Fine Sand, Moderate Yellowish brown 10YR5/4. Wet @ 5.0-feet.		6	
						8	
10 - 15	12:06	20	14.1	SAND & GRAVEL 40% Medium Sand, 50% Coarse Sand, 10% Gravel, Trace Silt. Wet. 20% Small Gravel 27-33-ft. Some large gravel. Change to Pale Yellowish Brown @ 31-ft.		10	
						12	
15 - 20	12:31	80	3.2			14	
						16	
20 - 25	12:32	80	7.9			18	
						20	
25 - 30	12:33	80	1.5			22	
						24	
30 - 35	12:34	80	0.7			26	
						28	
35 - 40	12:49	90	0.5	FINE/MEDIUM SAND 50% Fine Sand, 50% Medium Sand, Trace gravel and coarse sand. Wet. Pale Yellowish brown. Coarsens to 70% Medium Sand and 20% Coarse sand 35-41.		30	
						32	
40 - 45	12:50	90	3.8	SAND & GRAVEL 60% Coarse Sand, 30% Medium Sand, 20% Gravel. Some cobble and large gravel. Pale Yellowish Brown. Wet. 50-60% Gravel 41-45-ft.		34	
						36	
45 - 50	12:51	90	0.0			38	
						40	
50 - 55	12:52	90	0.2	MEDIUM SAND 80% Medium Sand, 10% Coarse Sand, 10% Fine Sand. Trace gravel. Wet. Pale Yellowish brown.		42	
						44	
						46	
						48	
						50	
						52	

Drilling Method: SONIC

Logged By: DDJ

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2112 Carmen Court
Goshen, Indiana
Ph: (574) 537-0881
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Project Number: 06-10246-33

WELL NUMBER: BG-1

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: May 14 & 15, 2007

Surveyed (check if Yes): ☐

TOC Elevation = Approx. 767

X =

Y =

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
				FINE SAND (Elev. = 767) 70% Fine Sand, 20% Medium Sand, 10% Very Fine Sand. Trace Gravel. Pale Yellowish Brown. Wet.		
55 - 60	13:10	80	0.0			
				SAND & GRAVEL 40% Coarse Sand, 20% Medium Sand, 30-40% Gravel. Some cobble and large gravel. Pale Yellowish Brown. Wet.		
60 - 65	13:11	80	1.0			
				MEDIUM SAND 80% Medium Sand, 10% Coarse Sand, 10% Fine Sand. Trace gravel. Wet. Pale Yellowish brown. 70% Fine Sand 62-67 ft. 70% Medium Sand & 30% Fine Sand 67-95.		
65 - 70	13:12	80	1.4			
70 - 75	13:13	80	1.8			
75 - 80	13:41	80	0.4			
80 - 85	13:42	80	0.2			
85 - 90	13:43	80	0.7			
90 - 95	13:44	80	2.3			
95 - 100	15:10	90	1.0	FINE SAND 70% Fine Sand, 10% Very Fine Sand, 20% Medium Sand. Pale Yellowish brown. 1" thick silty sand at 96-ft. Some silty-sand layers from 96 to 98-ft.		
100 - 105	15:11	90	0.8			

Drilling Method: SONIC

Logged By: DDJ

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Project Number: 06-10246-33

WELL NUMBER: BG-1

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: May 14 & 15, 2007

Surveyed (check if Yes): ☐
TOC Elevation = Approx. 767
X =
Y =

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
105 - 110	15:12	90	2.7	(Elev. = 767)		108	
110 - 115	15:13	90	1.0			110	
						112	
						114	
115 - 120	9:15	60	0.0			116	
						118	
120 - 125	9:16	60	1.7			120	
						122	
						124	
125 - 130	9:17	60	3.1			126	
						128	
						130	
130 - 135	9:18	60	1.3	CLAY Very stiff, high plasticity, gray clay. Approximately 60-70% Clay, 30% Silt. Some Fine Sand. Some trace gravel at top of clay layer. Silty Sandy Clay (3" thick) at 151-ft.		132	
						134	
135 - 140	10:08	90	5.4			136	
						138	
140 - 145	10:09	90	3.8			140	
						142	
						144	
145 - 150	10:10	90	6.1			146	
						148	
						150	
150 - 155	10:11	90	12.0	FINE SAND 80% Fine Sand, 10% Very Fine Sand, 10% Medium Sand. Pale Yellowish brown.		152	
						154	
155 - 160	11:02	50	0.2			156	
						158	

Drilling Method: SONIC

Logged By: DDJ

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Project Number: 06-10246-33

WELL NUMBER: BG-1

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: May 14 & 15, 2007

Surveyed (check if Yes): ☐
TOC Elevation = Approx. 767
X =
Y =

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth
				(Elev. = 767)		161
160 - 165	11:03	50	0.2			163
						165
165 - 170	11:04	50	0.3			167
						169
						171
170 - 175	11:05	50	0.5			173
						175
175 - 180	11:56	60	0.8	MEDIUM SAND 50% Medium Sand, 40% Coarse Sand, 10% Fine Sand. Some gravel. pale Yellowish brown. 20% gravel with some 2-3" cobble 192 to 195-ft.		177
						179
180 - 185	11:57	60	0.5			181
						183
						185
185 - 190	11:58	60	0.4			187
						189
						191
190 - 195	11:59	60	0.5			193
						195
195 - 200	-----	No Recov.	-----			197
						199
200 - 205	-----	No Recov.	-----			201
						203
				SHALE BEDROCK No Sample recovered. Bedrock encountered according to rig response. Broke casing at approx. 183-ft. Left in place and grouted annular space to surface.		205
						207
						209
						211

End of Boring



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Project Number: 06-10246-31

WELL NUMBER: EMW-2

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 1, 2007

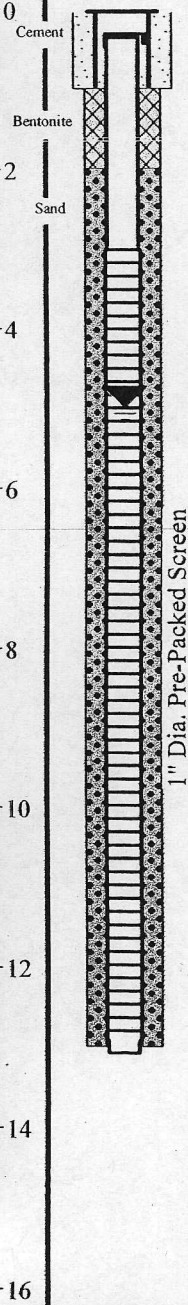
Surveyed (check if Yes): ☒

TOC Elevation = 767.36

X = 377.92

Y = 108.97

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
				Ground Surface (Elev. = 767.66)		
0 - 2	15:16	100	4.3	ASPHALT & GRAVEL		
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		
2 - 4	15:17	100	6.4	MEDIUM/FINE SAND 60% Medium Sand, 40% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 5.0-feet. Slightly coarser as deeper.		
				MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		
				SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		
				End of Boring		





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Project Number: 06-10246-31

WELL NUMBER: EMW-2D

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 20, 2007

Surveyed (check if Yes): ☒

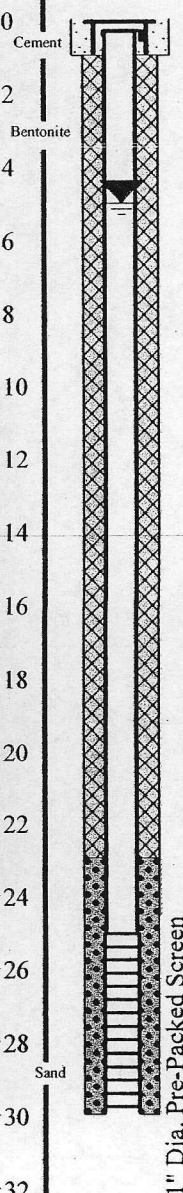
TOC Elevation = 767.25

X = 380.43

Y = 108.75

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
				Ground Surface (Elev. = 767.55)		
				ASPHALT & GRAVEL		
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		
				MEDIUM/FINE SAND 60% Medium Sand, 40% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 5.0-feet. Slightly coarser as deeper.		
				MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		
				SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet. 80% Medium Sand 14-16 ft.		
14 - 16	11:39	90	1.0			
16 - 18	11:40	90	1.4			
18 - 20	11:41	90	1.8			
20 - 22	11:54	50	0.3			
22 - 24	11:55	50	1.2	SAND & GRAVEL 30% Medium Sand, 30% Coarse Sand, 40% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet. Some cobble.		
24 - 26	11:56	50	0.7			
26 - 28	12:05	90	0.7	FINE SAND 70% Fine Sand, 30% Medium Sand. Trace Silt. Pale Yellowish Brown 10YR6/2. Wet.		
28 - 30	12:06	90	1.0			
				SAND & GRAVEL 20% Medium Sand, 20% Coarse Sand, 60% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet. Some orange staining. Fine sand 29.75 to 30'.		
				End of Boring		

Geology (4.0 to 15.0-feet) from Boring GP-51.
See GP-51 & EMW-2 for sample data 0-14 feet.





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Project Number: 06-10246-31

WELL NUMBER: EMW-4

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 1, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 766.05

X = 371.83

Y = 18.51

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface (Elev. = 766.35)		0	
0 - 2	13:41	90	0.0	ASPHALT & GRAVEL			
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.			
2 - 4	13:42	90	0.0	MEDIUM/FINE SAND 60% Medium Sand, 40% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 3.75-feet. Slightly coarser as deeper. Some orange stains.			
4 - 6	13:45	80	0.2				
6 - 8	13:46	80	0.1	MEDIUM SAND 50% Medium Sand, 10% Fine Sand, 40% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.			
8 - 10	13:51	70	4.0	SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.			
10 - 12	13:52	70	5.9				
				End of Boring		12	
						14	
						16	



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Project Number: 06-10246-31

WELL NUMBER: EMW-4D

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 21, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 766.12

X = 376.55

Y = 18.32

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
See EMW-4s for 0-14 feet Sample				Ground Surface (Elev. = 766.42)		
				ASPHALT & GRAVEL		
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		
				MEDIUM/FINE SAND 60% Medium Sand, 40% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 3.75-feet. Slightly coarser as deeper. Some orange stains.		
				MEDIUM SAND 50% Medium Sand, 10% Fine Sand, 40% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		
14 - 16	8:35	90	0.2	SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		
16 - 18	8:36	90	0.4			
18 - 20	8:40	100	0.8			
20 - 22	8:51	100	1.6			
22 - 24	8:52	60	0.2			
24 - 26	9:14	60	0.2	FINE/MEDIUM SAND 50% Fine Sand, 50% Medium Sand. Trace Silt. Pale Yellowish Brown 10YR6/2. Wet.		
26 - 28	9:15	60	1.2			
28 - 30	9:16	60	0.5			
				End of Boring		



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Project Number: 06-10246-31

WELL NUMBER: EMW-4D47

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 4, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 766.08

X = 379.82

Y = 19.86

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
See EMW-4s for 0-14 feet Sample Data & EMW-4D for 14-30 feet Sample Data.				Ground Surface (Elev. = 766.47)		
				ASPHALT & GRAVEL		
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR4/4 to Moderate Yellowish Brown 10YR5/4.		
				MEDIUM/FINE SAND 60% Medium Sand, 40% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 3.75-feet. Slightly coarser as deeper. Some orange stains.		
				MEDIUM SAND 50% Medium Sand, 10% Fine Sand, 40% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		
				SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		
				FINE/MEDIUM SAND 50% Fine Sand, 50% Medium Sand. Trace Silt. Pale Yellowish Brown 10YR6/2. Wet. More fine sand 60% from 30-40 ft. 80% Fine Sand with very fine sand 39-40 ft.		
30 - 32	9:10	90	0.3			
32 - 34	9:11	90	0.9			
34 - 36	9:12	90	1.1			
36 - 38	9:13	90	1.4			
38 - 40	9:14	90	1.9			
40 - 42	9:37	90	0.2	SAND & GRAVEL 50% Coarse Sand, 30% Medium Sand, 20% gravel, Some Cobble to Large Gravel. Pale Yellowish Brown to Medium gray. 40% Gravel 47-49 ft.		
42 - 44	9:38	90	0.3			
44 - 46	9:39	90	0.3			
46 - 48	9:40	90	0.1			
				End of Boring		



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Project Number: 06-10246-31

Surveyed (check if Yes): ☒
TOC Elevation = 766.07
X = 379.92
Y = 25.08

WELL NUMBER: EMW-4D61

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 5, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
See EMW-4s for 0-14 feet Sample Data & EMW-4D for 14-30 feet Sample Data.				Ground Surface (Elev. = 766.47)		
				ASPHALT & GRAVEL		
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR4/4 to Moderate Yellowish Brown 10YR5/4.		
				MEDIUM/FINE SAND 60% Medium Sand, 40% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 3.75-feet. Slightly coarser as deeper. Some orange stains.		
				MEDIUM SAND 50% Medium Sand, 10% Fine Sand, 40% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		
				SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		
				FINE/MEDIUM SAND 50% Fine Sand, 50% Medium Sand. Trace Silt. Pale Yellowish Brown 10YR6/2. Wet. More fine sand 60% from 30-40 ft. 80% Fine Sand with very fine sand 39-40 ft.		
30 - 32	9:10	90	0.3			
32 - 34	9:11	90	0.9			
34 - 36	9:12	90	1.1			
36 - 38	9:13	90	1.4			
38 - 40	9:14	90	1.9			
40 - 42	9:37	90	0.2	SAND & GRAVEL 50% Coarse Sand, 30% Medium Sand, 20% gravel, Some Cobble to Large Gravel. Pale Yellowish Brown to Medium gray. 40% Gravel 47-49 ft.		
42 - 44	9:38	90	0.3			
44 - 46	9:39	90	0.3			
46 - 48	9:40	90	0.1			
48 - 50	9:41	90	0.1			

Drilling Method: Mini-SONIC

Logged By: DDJ

Page: 1 of 2

021



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Project Number: 06-10246-31

Surveyed (check if Yes): ☒
TOC Elevation = 766.07
X = 379.92
Y = 25.08





WELL NUMBER: EMW-4D61


Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 5, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
50 - 52	9:58	90	1.7	FINE/MEDIUM SAND (TOC = 766.47) 50% Fine Sand, 50% Medium Sand, Trace gravel and coarse sand. Wet. Pale Yellowish brown.		52	
52 - 54	9:59	90	1.4			54	
54 - 56	10:00	90	2.4	MEDIUM SAND 60% Medium Sand 10% Coarse Sand, 30% Fine Sand. Pale Yellowish Brown. Wet. Some clay balls @ 54'.		56	
56 - 58	10:01	90	14.5	58			
58 - 60	10:02	90	13	FINE SAND 80% Fine Sand, 20% Medium Sand. Pale Yellowish Brown. Approx. 60% Very Fine Sand 57-58 ft. Wet.		60	
60 - 62	10:56	90	0.5	62			
62 - 64	10:57	90	0.7	MEDIUM/FINE SAND 70% Medium Sand, 30% Fine Sand, Some Silt. Some gravel and Coarse Sand. Pale Yellowish Brown. Wet. 3-4" silty sand layer @ approximately 74.5-ft.		64	
64 - 66	10:58	90	1.0			66	
66 - 68	10:59	90	1.2			68	
68 - 70	11:00	90	5.5			70	
70 - 72	12:02	90	6.8			72	
72 - 74	12:03	90	9.5			74	
74 - 75	12:04	90	8.2	End of Boring		74	
						76	
						78	
						80	
						82	
						84	
						86	
						88	
						90	
						92	
				94			
				96			
				98			
				100			



1" Dia. Pre-Packed Screen



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Goshen, Indiana
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Project Number: 06-10246-31

Surveyed (check if Yes): ☒
TOC Elevation = 765.96
X = 340.30
Y = 19.82

WELL NUMBER: EMW-7

Client: Geocel Corporation
Project: Limited Subsurface Investigation
Location: Geocel - 53280 Marina Dr. - Elkhart
Date: March 6, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface (Elev. = 766.26)		0	
0 - 2	13:13	90	0.1	ASPHALT & GRAVEL SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		2	
2 - 4	13:14	90	0.0	MEDIUM/FINE SAND 80% Medium Sand, 20% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 3.9-feet. Slightly coarser as deeper. Some orange stains.		4	
4 - 6	13:16	90	0.0			6	
6 - 8	13:17	90	0.3	MEDIUM SAND 450% Medium Sand, 10% Fine Sand, 40% Coarse Sand, 10% gravel. Moderate Yellowish brown 10YR5/4. Medium Sand with little gravel 10-11-ft.		8	
8 - 10	13:19	80	0.3			10	
10 - 12	13:20	80	1.3			12	
12 - 14	13:25	70	1.2	SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 30 to 40% Gravel, Some Fine Sand and Trace Silt. Some cobble. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		14	
				End of Boring		16	



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Project Number: 06-10246-31

Surveyed (check if Yes): ☒
TOC Elevation = 766.04
X = 347.77
Y = 21.52

WELL NUMBER: EMW-7D

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 20, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
See EMW-7 for 0-14 feet sample data.				Ground Surface (Elev. = 766.34)		0	
				ASPHALT & GRAVEL		2	
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		4	
				MEDIUM/FINE SAND 80% Medium Sand, 20% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 3.9-feet. Slightly coarser as deeper. Some orange stains.		6	
				MEDIUM SAND 450% Medium Sand, 10% Fine Sand, 40% Coarse Sand, 10% gravel. Moderate Yellowish brown 10YR5/4. Medium Sand with little gravel 10-11-ft.		10	
				SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 30 to 40% Gravel, Some Fine Sand and Trace Silt. Some cobble. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet.		14	
				MEDIUM SAND 80% Medium Sand, 20% Coarse Sand. Trace fine sand and gravel. Trace Silt. Moderate Yellowish Brown 10YR5/4. Wet.		18	
				SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 20 to 30% Gravel, Some Fine Sand and Trace Silt. Some cobble. Mod Yellow Brown 10YR5/4 to 10YR6/2. Wet. Medium Sand 25 to 26.5 feet.		22	
						24	
						26	
14 - 16	9:03	90	0.2			16	
16 - 18	9:04	90	0.5			18	
18 - 20	9:05	90	0.5			20	
20 - 22	9:25	90	1.2			22	
22 - 24	9:26	90	0.3			24	
24 - 26	9:27	90	0.9			26	
26 - 28	9:54	90	0.4			28	
28 - 30	9:55	90	5.0			30	
				FINE SAND 50% Fine Sand, 50% Very Fine Sand. Wet. Mod. Yellow Brown. Trace Silt.		30	1" Dia. Pre-Packed Screen
				End of Boring		32	

Drilling Method: RES Geoprobe 540B

Logged By: DDJ

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2112 Carmen Court
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Project Number: 06-10246-31

Surveyed (check if Yes): ☒
TOC Elevation = 766.99
X = 173.09
Y = -461.16

WELL NUMBER: EMW-9D46

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 11, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
				Ground Surface (Elev. = 767.39)		
0 - 2	13:46	40	0.0	TOPSOIL		
2 - 4	13:47	40	0.0	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		
4 - 6	13:48	60	0.0			
6 - 8	13:49	60	0.6	MEDIUM/FINE SAND 60% Medium Sand, 40% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 5.0-feet.		
8 - 10	13:52	80	1.0			
10 - 12	13:53	80	1.8			
12 - 14	13:55	80	0.4	SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4. Wet.		
14 - 16	13:56	80	1.8			
16 - 18	14:08	80	1.1			
18 - 20	14:09	60	1.9	MEDIUM SAND 50% Medium Sand, 30% Fine Sand, 20% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4.		
20 - 22	14:14	60	1.3			
22 - 24	14:15	60	1.2			
24 - 26	14:16	70	1.1	SAND & GRAVEL 30% Medium Sand, 50% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4. Change to Pale Yellowish Brown 10YR6/2 @ 20'. Some orange stains. Wet.		
26 - 28	14:29	70	0.5			
28 - 30	14:30	90	1.3			
30 - 32	14:40	90	2.1	FINE/MEDIUM SAND 60% Fine Sand, 40% Medium Sand. Trace Silt. Pale Yellowish Brown 10YR6/2. Wet. Grade to 80% Fine Sand by 31'. Coarse Sand layer @ 34.5'. 0.25" Silty fine sand layer @ 32.5'.		
32 - 34	14:41	90	2.9			
34 - 36	14:42	70	1.7			
36 - 38	15:04	70	1.1	SAND & GRAVEL 70% Coarse Sand, 10% Medium Sand, 20% gravel, Pale Yellowish Brown. Wet. Some thin medium sand layers. 40% Gravel @ 42-42.5'.		
38 - 40	15:06	80	1.3			
40 - 42	15:28	80	1.2			
42 - 44	15:29	80	1.7	MEDIUM SAND 60% Medium Sand, 20% Fine Sand, 20% Coarse Sand. 5% Gravel. Pale Yellowish Brown. Wet. 6" thick fine sand @ 44.5'.		
44 - 45	15:30	80	1.9			
				End of Boring		

Drilling Method: Geoprobe 6600

Logged By: DDJ

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025



2112 Carmen Court

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Project Number: 06-10246-31

Surveyed (check if Yes): ☒

TOC Elevation = 767.03

X = 169.99

Y = -460.85

WELL NUMBER: EMW-9i

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 11, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
Geology & Sample Data from EMW-				Ground Surface (Elev. = 767.39)		0	
0 - 2	13:46	40	0.0	TOPSOIL		2	
2 - 4	13:47	40	0.0	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		4	
4 - 6	13:48	60	0.0	MEDIUM/FINE SAND 60% Medium Sand, 40% Fine Sand, Trace Silt and coarse sand, little gravel. Moderate Yellowish brown 10YR5/4 to Light Brown 5YR5/6. Wet @ 5.0-feet.		6	
6 - 8	13:49	60	0.6			8	
8 - 10	13:52	80	1.0	SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4. Wet.		10	
10 - 12	13:53	80	1.8	MEDIUM SAND 50% Medium Sand, 30% Fine Sand, 20% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4.		12	
12 - 14	13:55	80	0.4			14	
14 - 16	13:56	80	1.8			16	
16 - 18	14:08	80	1.1	SAND & GRAVEL 30% Medium Sand, 50% Coarse Sand, 10-20% Gravel, Some Fine Sand and Trace Silt. Moderate Yellowish Brown 10YR5/4. Change to Pale Yellowish Brown 10YR6/2 @ 20'. Some orange stains. Wet.		18	
18 - 20	14:09	60	1.9			20	
20 - 22	14:14	60	1.3			22	
22 - 24	14:15	60	1.2			24	
				End of Boring		26	
						28	



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Project Number: 06-10246-30

Surveyed (check if Yes): ☒
TOC Elevation = 768.43
X = 151
Y = 190

WELL NUMBER: MW-11

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: December 29, 2006

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface (Elev. = 768.70)		0	
0 - 2	14:13	90	6.3	CONCRETE			
2 - 4	14:14	90	23	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4. Sweet-like odor.		2	
Soil Sample Submitted for Lab Analysis.							
4 - 6	14:15	90	12.5	MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Moderate Yellowish Brown 10YR5/4 to Pale Yellowish brown 10YR6/2. Sweet-like odor. Wet @ 5.75-feet. Stronger chemical odor at water. Some dark gray stains 12.5' to 13.5'. Generally coarsens as deeper.		4	
6 - 8	14:17	80	547			6	
8 - 10	14:18	80	>1023			8	
10 - 12	14:30	80	795			10	
12 - 14	14:31	80	284			12	
				End of Boring		14	
						16	

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Project Number: 06-10246-31

Surveyed (check if Yes): ☒

TOC Elevation = 766.27

X = 23.906

Y = 23.09

WELL NUMBER: MW-14D

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 20, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
See MW-14s for 0-14 feet sample data.				Ground Surface (Elev. = 766.57)		
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4. Some Pale Yellowish Brown mottling. 1" to 2" of topsoil.		
				MEDIUM SAND 60% Medium Sand, 20% Fine Sand, 20% Coarse Sand. Trace Gravel and Silt. Pale Yellowish brown 10YR6/2 to Moderate Yellowish Brown 10YR5/4. Coarser as deeper. Wet @ 3.75 ft. More coarse sand 6.75' to 8.0'.		
				SAND & GRAVEL 50% Coarse Sand, 40% Medium Sand, 10% Gravel. Some fine sand and silt. Moderate Yellowish Brown 10YR5/4. Wet. 40% Gravel 20-22 ft.		
14 - 16	14:05	70	35			
16 - 18	14:06	70	17			
18 - 20	14:11	60	2.3			
20 - 22	14:12	60	5.8			
22 - 24	---	No Recov	---			
24 - 26	---	No Recov	---			
26 - 28	14:25	90	3.4			
28 - 30	14:26	90	2.7			
				End of Boring		



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Project Number: 06-10246-31

WELL NUMBER: MW-14s

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 5, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 766.27

X = 23.906

Y = 23.09

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface (Elev. = 766.57)		0	
0 - 2	9:43	90	0.0	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4. Some Pale Yellowish Brown mottling. 1" to 2" of topsoil.		2	
2 - 4	9:44	90	0.1	MEDIUM SAND 60% Medium Sand, 20% Fine Sand, 20% Coarse Sand. Trace Gravel and Silt. Pale Yellowish brown 10YR6/2 to Moderate Yellowish Brown 10YR5/4. Coarser as deeper. Wet @ 3.75 ft. More coarse sand 6.75' to 8.0'.		4	
4 - 6	9:51	80	0.1			6	
6 - 8	9:52	80	0.2			8	
8 - 10	10:03	70	0.2			10	
10 - 12	10:04	70	0.9			12	
12 - 14	10:09	80	4.8	SAND & GRAVEL 50% Coarse Sand, 40% Medium Sand, 10% Gravel. Some fine sand and silt. Moderate Yellowish Brown 10YR5/4. Wet.		14	
				End of Boring		16	

Drilling Method: RES Geoprobe 540B

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Project Number: 06-10246-31

WELL NUMBER: MW-17D43

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 10, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 767.05

X = 56.28

Y = -31.78

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
See Boring GP-72 for Geology & Sample Data from 0.0 to 19-ft.				Ground Surface (Elev. = 767.43)		
				TOPSOIL		
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4. Some orange staining.		
				MEDIUM SAND 60% Medium Sand, 20% Fine Sand, 20% Coarse Sand. Trace Gravel and Silt. Pale Yellowish brown 10YR6/2. Change to Medium Gray N5 with slight odor at 10.0-ft. Coarser as deeper. Wet @ 4.25 ft.		
				MEDIUM/COARSE SAND 40% Medium Sand, 40% Coarse Sand, 20% Fine Sand. Trace Gravel and Silt. Pale Yellowish brown 10YR6/2 to Moderate Yellowish Brown. Coarser as deeper. Wet. 10% Gravel @ 7-8.25 ft and 11-11.5 ft. Fine/Medium Sand 11.75-12.0 ft.		
				SAND & GRAVEL 60% Coarse Sand, 30% Medium Sand, 5-10% Gravel, Some Fine Sand and silt. Wet. Moderate Yellowish Brown. 50% Gravel Layer 15-15.5-ft. Slight odor 15-19-ft.		
				SAND & GRAVEL 70% Coarse Sand, 10% Medium Sand, 20% Gravel, Some Fine Sand. Wet. Pale Yellowish Brown. Less gravel (5-10%) 29-30'.		
				FINE SAND 60% Fine Sand, 20% Medium Sand, 10% Very Fine Sand. Trace Gravel and silt. Wet. Pale Yellowish Brown.		
				MEDIUM/FINE SAND 60% Medium Sand, 30% Fine Sand, 10% Coarse Sand. Trace Gravel. Wet. Pale Yellowish Brown.		
				End of Boring		
20 - 22	14:12	30	0.7			
22 - 24	14:13	30	0.3			
24 - 26	14:14	30	1.0			
26 - 28	14:23	90	3.3			
28 - 30	14:24	90	4.0			
30 - 32	14:39	100	3.8			
32 - 34	14:40	100	3.1			
34 - 36	14:41	100	2.1			
36 - 38	14:56	100	8.7			
38 - 40	14:57	100	3.0			
40 - 42	15:22	90	3.9			
42 - 44	15:23	90	3.2			
44 - 45	15:24	90	1.0			



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Project Number: 06-10246-31

WELL NUMBER: MW-17i

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 13, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 767.01

X = 53.63

Y = -26.89

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
Sample Data from Boring GP-72				Ground Surface (Elev. = 767.43)		
0 - 2	14:45	90	0.0	TOPSOIL		
2 - 4	14:46	90	0.0	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4. Some orange staining.		
Soil Sample Submitted for Lab Analysis.				MEDIUM SAND 60% Medium Sand, 20% Fine Sand, 20% Coarse Sand. Trace Gravel and Silt. Pale Yellowish brown 10YR6/2. Change to Medium Gray N5 with slight odor at 10.0-ft. Coarser as deeper. Wet @ 4.25 ft.		
4 - 6	14:49	80	0.0	MEDIUM/COARSE SAND 40% Medium Sand, 40% Coarse Sand, 20% Fine Sand. Trace Gravel and Silt. Pale Yellowish brown 10YR6/2 to Moderate Yellowish Brown. Coarser as deeper. Wet. 10% Gravel @ 7-8.25 ft and 11-11.5 ft. Fine/Medium Sand 11.75-12.0 ft.		
6 - 8	14:50	80	0.3			
8 - 10	14:54	80	0.6			
10 - 12	14:55	80	0.5			
12 - 14	15:03	80	4.8	SAND & GRAVEL 60% Coarse Sand, 30% Medium Sand, 5-10% Gravel, Some Fine Sand and silt. Wet. Moderate Yellowish Brown. 50% Gravel Layer 15-15.5-ft. 4 Medium Gray N5. Slight odor. Wet.		
14 - 15.5	15:04	90	2.1			
15.5 - 19	17:11	90	14			
				End of Boring		

Cement

Bentonite

Sand

1" Dia. Pre-Packed Screen



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Project Number: 06-10246-31

WELL NUMBER: MW-17s

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 13, 2007

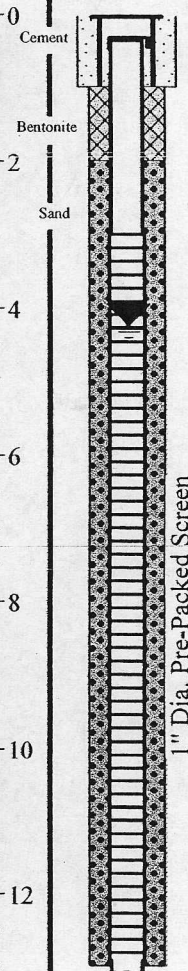
Surveyed (check if Yes): ☒

TOC Elevation = 767.03

X = 54.33

Y = -26.97

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
Sample Data from Boring GP-72				Ground Surface (Elev. = 767.43)		
0 - 2	14:45	90	0.0	TOPSOIL		
2 - 4	14:46	90	0.0	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4. Some orange staining.		
Soil Sample Submitted for Lab Analysis.				MEDIUM SAND 60% Medium Sand, 20% Fine Sand, 20% Coarse Sand. Trace Gravel and Silt. Pale Yellowish brown 10YR6/2. Change to Medium Gray N5 with slight odor at 10.0-ft. Coarser as deeper. Wet @ 4.25 ft.		
4 - 6	14:49	80	0.0	MEDIUM/COARSE SAND 40% Medium Sand, 40% Coarse Sand, 20% Fine Sand. Trace Gravel and Silt. Pale Yellowish brown 10YR6/2 to Moderate Yellowish Brown. Coarser as deeper. Wet. 10% Gravel @ 7-8.25 ft and 11-11.5 ft. Fine/Medium Sand 11.75-12.0 ft.		
6 - 8	14:50	80	0.3			
8 - 10	14:54	80	0.6			
10 - 12	14:55	80	0.5			
12 - 14	15:03	80	4.8			
14 - 15.5	15:04	90	2.1	SAND & GRAVEL 40% Coarse Sand, 10% Medium Sand, 50% Gravel. Some fine sand and silt. Medium Gray N5. Slight odor. Wet.		
				End of Boring		





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Project Number: 06-10246-31

WELL NUMBER: MW-19D48

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 10, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 766.35

X = 21.06

Y = -370.62

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
Geology & Sample Data From MW-19D59				Ground Surface (Elev. = 766.59)		0	
0 - 2	12:13	60	0.0	TOPSOIL		2	
2 - 4	12:14	60	0.1	SILTY SAND 40% Fine Sand, 40% Medium Sand, 20% Silt.		4	
4 - 6	12:15	60	0.0	Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		6	
6 - 8	12:16	60	0.0	MEDIUM SAND		8	
8 - 10	12:17	60	0.0	80% Medium Sand, 10% Fine Sand, 10% Coarse Sand. Trace Silt and Gravel. Moderate Brown to Moderate Yellowish Brown. Wet @ 4.0-ft. Some orange stains.		10	
10 - 12	12:24	90	0.7			12	
12 - 14	12:25	90	0.6			14	
14 - 16	12:26	90	1.6			16	
16 - 18	12:27	90	6.3	SAND & GRAVEL 30% Medium Sand, 30% Coarse Sand, 40% Gravel, Trace Silt. Wet. Moderate Yellowish Brown to pale Yellowish Brown. Some silt 16.5 to 17.5 ft		18	
18 - 20	12:28	90	4.9			20	
20 - 22	12:45	90	1.2			22	
22 - 24	12:46	90	1.3	FINE SAND 60% Fine Sand 40% Medium Sand. Trace Coarse Sand. Pale Yellowish Brown.		24	
24 - 26	12:47	90	2.3			26	
26 - 28	12:48	90	1.6	MEDIUM/FINE SAND 70% Medium Sand, 20% Fine Sand, 10% Coarse Sand. Trace Gravel. Wet. Moderate Yellowish Brown. Grade to more coarse sand (40%) by 24-ft with some trace cobble.		28	
28 - 30	12:49	90	1.2			30	
30 - 32	13:00	90	0.8			32	
32 - 34	13:01	90	8.1	FINE/MEDIUM SAND 60% Fine Sand, 40% Medium Sand, Trace coarse sand and gravel. Some very fine sand. Wet. Pale Yellowish brown. 2" thick clay/silt/sand layer @ 35-ft. 5% Medium to large gravel 36-40-ft.		34	
34 - 36	13:02	90	4.0			36	
36 - 38	13:03	90	6.9			38	
38 - 40	13:04	90	3.2			40	
40 - 42	13:24	90	0.9	SAND & GRAVEL 70% Coarse Sand, 20% Medium Sand, 10% Gravel. Pale Yellowish Brown. Wet. Some large gravel.		42	
42 - 44	13:25	90	0.5			44	
44 - 46	13:26	90	9.4			46	
46 - 48	13:27	90	7.8	FINE SAND/MEDIUM SAND 80% Fine Sand, 20% Medium Sand. Wet. Pale Yellowish brown. 6" layer of very fine sand @ 46.5'. More Medium Sand 46.5 to 48.		48	
				End of Boring		50	
						52	



2112 Carmen Court

Goshen, Indiana

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Project Number: 06-10246-31

Surveyed (check if Yes): ☒

TOC Elevation = 766.25

X = 18.65

Y = -370.47

WELL NUMBER: MW-19D59

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 6, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
				Ground Surface (Elev. = 766.59)		
0 - 2	12:13	60	0.0	TOPSOIL		
2 - 4	12:14	60	0.1	SILTY SAND 40% Fine Sand, 40% Medium Sand, 20% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		
4 - 6	12:15	60	0.0			
6 - 8	12:16	60	0.0	MEDIUM SAND 80% Medium Sand, 10% Fine Sand, 10% Coarse Sand. Trace Silt and Gravel. Moderate Brown to Moderate Yellowish Brown. Wet @ 4.0-ft. Some orange stains.		
8 - 10	12:17	60	0.0			
10 - 12	12:24	90	0.7			
12 - 14	12:25	90	0.6			
14 - 16	12:26	90	1.6			
16 - 18	12:27	90	6.3	SAND & GRAVEL 30% Medium Sand, 30% Coarse Sand, 40% Gravel, Trace Silt. Wet. Moderate Yellowish Brown to pale Yellowish Brown. Some silt 16.5 to 17.5 ft		
18 - 20	12:28	90	4.9			
20 - 22	12:45	90	1.2	FINE SAND 60% Fine Sand 40% Medium Sand. Trace Coarse Sand. Pale Yellowish Brown.		
22 - 24	12:46	90	1.3			
24 - 26	12:47	90	2.3	MEDIUM/FINE SAND 70% Medium Sand, 20% Fine Sand, 10% Coarse Sand. Trace Gravel. Wet. Moderate Yellowish Brown. Grade to more coarse sand (40%) by 24-ft with some trace cobble.		
26 - 28	12:48	90	1.6			
28 - 30	12:49	90	1.2			
30 - 32	13:00	90	0.8	FINE/MEDIUM SAND 60% Fine Sand, 40% Medium Sand, Trace coarse sand and gravel. Some very fine sand. Wet. Pale Yellowish brown. 2" thick clay/silt/sand layer @ 35-ft. 5% Medium to large gravel 36-40-ft.		
32 - 34	13:01	90	8.1			
34 - 36	13:02	90	4.0			
36 - 38	13:03	90	6.9			
38 - 40	13:04	90	3.2			
40 - 42	13:24	90	0.9	SAND & GRAVEL 70% Coarse Sand, 20% Medium Sand, 10% Gravel. Pale Yellowish Brown. Wet. Some large gravel.		
42 - 44	13:25	90	0.5			
44 - 46	13:26	90	9.4			
46 - 48	13:27	90	7.8	FINE SAND 80% Fine Sand, 20% Medium Sand. Wet. Pale Yellowish brown. 6" layer of very fine sand @ 36'.		
48 - 50	13:28	90	3.9			

Drilling Method: Mini-SONIC

Logged By: DDJ

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ROBERTS ENVIRONMENTAL SERVICES, LLC

2112 Carmen Court
Goshen, Indiana
Ph: (574) 537-0881
www.robertsenvserv.com

Project Number: 06-10246-31

WELL NUMBER: MW-19D59

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 6, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 766.25

X = 18.65

Y = -370.47

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
50 - 52	13:48	90	0.8	MEDIUM/FINE SAND (TOC = 766.59) 60% Medium Sand, 20% Coarse Sand, 20% Fine Sand. Some gravel. Pale Yellowish Brown. Grade to 10% gravel and more coarse sand by 41-ft.		52	 1" Dia. Pre-Packed Screen
52 - 54	13:49	90	1.7			54	
54 - 56	13:50	90	2.1	FINE SAND 60% Fine Sand, 20% Very Fine Sand, 20% Medium Sand. Pale Yellowish Brown. Wet. Some thin 1" silty/sand layers starting @ 58'. 10% Silt 59-60-ft. 3" thick silty/sand layer at 59.5-ft.		56	
56 - 58	13:51	90	15.8			58	
58 - 60	13:52	90	10.3	MEDIUM SAND 60% Medium Sand, 30% Fine Sand, 10% Coarse Sand. Trace gravel. Pale Yellowish Brown. 1" thick silty/clay at 61-ft and 61.5-ft. Several thin silty sand layers 66-70-ft.		60	
60 - 62	14:16	90	7.0			62	
62 - 64	14:17	90	6.8			64	
64 - 66	14:18	90	6.2			66	
66 - 68	14:19	90	24.1			68	
68 - 70	14:20	90	22.5			70	
70 - 72	14:46	90	2.9			72	
72 - 74	14:47	90	0.7			74	
74 - 76	14:48	90	9.3			76	
76 - 78	14:49	90	4.1			78	
78 - 80	14:50	90	1.8			80	
				End of Boring		82	
						84	
						86	
						88	
						90	
						92	
						94	
						96	
						98	
						100	

Drilling Method: Mini-SONIC

Logged By: DDJ

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035



ROBERTS ENVIRONMENTAL SERVICES, LLC

2112 Carmen Court
Goshen, Indiana
Ph: (574) 537-0881
www.robertsenvserv.com

Project Number: 06-10246-31

WELL NUMBER: MW-19i

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 11, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 766.11

X = 15.79

Y = -370.38

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
Geology & Sample Data from MW-19D59				Ground Surface (Elev. = 766.51)			
0 - 2	12:13	60	0.0	TOPSOIL		0	
2 - 4	12:14	60	0.1	SILTY SAND 40% Fine Sand, 40% Medium Sand, 20% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		2	
4 - 6	12:15	60	0.0	MEDIUM SAND 80% Medium Sand, 10% Fine Sand, 10% Coarse Sand. Trace Silt and Gravel. Moderate Brown to Moderate Yellowish Brown. Wet @ 4.0-ft. Some orange stains.		4	
6 - 8	12:16	60	0.0			6	
8 - 10	12:17	60	0.0			8	
10 - 12	12:24	90	0.7			10	
12 - 14	12:25	90	0.6			12	
14 - 16	12:26	90	1.6		14		
16 - 18	12:27	90	6.3	SAND & GRAVEL 30% Medium Sand, 30% Coarse Sand, 40% Gravel, Trace Silt. Wet. Moderate Yellowish Brown to pale Yellowish Brown. Some silt 16.5 to 17.5 ft		16	
18 - 20	12:28	90	4.9	FINE SAND 60% Fine Sand 40% Medium Sand. Trace Coarse Sand. Pale Yellowish Brown.		18	
20 - 22	12:45	90	1.2	MEDIUM/FINE SAND 70% Medium Sand, 20% Fine Sand, 10% Coarse Sand. Trace Gravel. Wet. Moderate Yellowish Brown. Grade to more coarse sand (40%) by 24-ft with some trace cobble.		20	
22 - 24	12:46	90	1.3			22	
				End of Boring		24	
						26	
						28	

Drilling Method: RES Geoprobe 540B

Logged By: DDJ

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2112 Carmen Court

Goshen, Indiana

Ph: (574) 537-0881

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Project Number: 06-10246-33

Surveyed (check if Yes): ☒

TOC Elevation = 767.33

X = -108.75

Y = -699.71

WELL NUMBER: MW-26D45

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: May 11, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
				Ground Surface (Elev. = 767.70)		
0 - 2	13:36	60	0.0	TOPSOIL		
2 - 4	13:37	60	0.0	SILTY SAND 40% Fine Sand, 40% Medium Sand, 20% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		
4 - 6	13:38	60	0.0			
6 - 8	13:39	60	0.2	MEDIUM SAND 70% Medium Sand, 20% Fine Sand, 10% Coarse Sand. Trace Silt and Gravel. Moderate Brown to Moderate Yellowish Brown. Wet @ 4.5-ft. Some orange stains. Some pale gray mottling.		
8 - 10	13:40	80	0.8			
10 - 12	13:41	80	3.8			
12 - 15	---	No Sample	---	SAND & GRAVEL 30% Medium Sand, 60% Coarse Sand, 10% Gravel, Trace Silt. Some fine sand. Wet. Moderate Yellowish Brown. 3" Silty layer at 6.5-ft. 10% Silt from 10 to 10.5-ft. Some pale gray mottling.		
15 - 16	13:50	90	0.3			
16 - 18	13:51	90	0.2			
18 - 20	13:52	90	0.4			
20 - 22	13:59	100	2.2	FINE/MEDIUM SAND 60% Fine Sand, 40% Medium Sand. Trace Silt and Gravel. Moderate Yellowish Brown. Wet.		
22 - 24	14:00	100	2.9			
24 - 26	14:10	50	2.4	SAND & GRAVEL 50% Coarse Sand, 30% Medium Sand, 10% Fine Sand, 10% Gravel. Moderate Yellowish Brown. Wet. Some large gravel. 20% to 30% Gravel from 21 to 30'.		
26 - 28	14:11	50	2.6			
28 - 30	14:12	50	2.0			
30 - 32	14:32	90	5.7	MEDIUM SAND 60% Medium Sand, 30% Fine Sand, 10% Coarse Sand. Trace Gravel. Wet. Pale Yellowish Brown.		
32 - 34	14:33	90	4.4			
34 - 36	14:40	90	4.3	FINE SAND 70% Fine Sand, 20% Medium Sand, 10% Very Fine Sand. Trace coarse sand and gravel. Wet. Pale Yellowish brown. Grade to more medium sand (60%) by 38-ft. with some small gravel.		
36 - 38	14:41	90	4.5			
38 - 40	14:42	90	5.5			
40 - 42	14:58	100	6.1			
42 - 44	14:59	100	8.1			
44 - 45	15:00	100	4.0	SAND & GRAVEL 40% Coarse Sand, 10% Medium Sand, 50% Gravel. Pale Yellowish Brown. Wet. Some large gravel.		
				End of Boring		

Drilling Method: Geoprobe 6600

Logged By: DDJ

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037



2112 Carmen Court

Goshen, Indiana

Ph: (574) 537-0881

www.robertsenvserv.com

Project Number: 06-10246-33

WELL NUMBER: MW-26i

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: May 11, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 767.35

X = -109.45

Y = -699.30

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
<i>Geology & Sample Data from MW-26D45.</i>				Ground Surface (Elev. = 767.70)		
0 - 2	13:36	60	0.0	TOPSOIL		
2 - 4	13:37	60	0.0	SILTY SAND 40% Fine Sand, 40% Medium Sand, 20% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		
4 - 6	13:38	60	0.0	MEDIUM SAND 70% Medium Sand, 20% Fine Sand, 10% Coarse Sand. Trace Silt and Gravel. Moderate Brown to Moderate Yellowish Brown. Wet @ 4.5-ft. Some orange stains. Some pale gray mottling.		
6 - 8	13:39	60	0.2	SAND & GRAVEL 30% Medium Sand, 60% Coarse Sand, 10% Gravel, Trace Silt. Some fine sand. Wet. Moderate Yellowish Brown. 3" Silty layer at 6.5-ft. 10% Silt from 10 to 10.5-ft. Some pale gray mottling.		
8 - 10	13:40	80	0.8			
10 - 12	13:41	80	3.8			
12 - 15	---	No Sample	---	FINE/MEDIUM SAND 60% Fine Sand, 40% Medium Sand. Trace Silt and Gravel. Moderate Yellowish Brown. Wet.		
15 - 16	13:50	90	0.3			
16 - 18	13:51	90	0.2			
18 - 20	13:52	90	0.4	SAND & GRAVEL 50% Coarse Sand, 30% Medium Sand, 10% Fine Sand, 10% Gravel. Moderate Yellowish Brown. Wet. Some large gravel. 20% to 30% Gravel from 21 to 30'.		
20 - 22	13:59	100	2.2			
22 - 24	14:00	100	2.9			
24 - 26	14:10	50	2.4			
				End of Boring		

Drilling Method: Geoprobe 6600

Logged By: DDJ

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038



ROBERTS ENVIRONMENTAL SERVICES, LLC

2112 Carmen Court

Goshen, Indiana

Ph: (574) 537-0881

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Project Number: 06-10246-30

Surveyed (check if Yes): ☒

TOC Elevation = 767.68

X = 78

Y = 169

WELL NUMBER: MW-3D

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: December 27, 2006

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface (Elev. = 768)		0	
0 - 2	12:50	90	0.2	ASPHALT		0	
2 - 4	12:51	90	0.2	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		2	
Soil Sample Submitted for Lab Analysis.						4	
4 - 6	12:52	90	0.8	MEDIUM SAND 50% Medium Sand, 30% Fine Sand, 20% Coarse Sand. Trace Silt and gravel. Moderate Yellowish brown 10YR5/4. Wet @ 6.0-feet. Odor starting at 6.0-ft. Gray-Black stains 1.0-inch thick at 7.0-ft.		6	
6 - 8	12:54	90	335			8	
8 - 10	12:55	90	497			10	
10 - 12	13:18	90	206			12	
12 - 14	13:19	90	358	COARSE SAND & GRAVEL 50% Medium Sand, 40% Coarse Sand, 10% Gravel. Trace Silt. Wet. Odor. Moderate Yellowish Brown 10YR5/4. Blackish stains 2.0-inches thick at 13-feet and 1.0-inch thick at 15-feet. Both stains have stronger odor. 30% Gravel from 19' to 23'. Change to Medium Gray N5 @ 23'. 30% Gravel from 26' to 29'.		14	
14 - 16	13:20	90	591			16	
16 - 18	13:31	90	428			18	
18 - 20	13:32	90	75			20	
20 - 22	13:44	90	6.1			22	
22 - 24	13:45	90	3.3			24	
24 - 26	13:46	90	37			26	
26 - 28	13:59	90	5.0			28	
28 - 30	14:00	90	4.2			30	
				MEDIUM SAND 80% Medium Sand, 10% Fine Sand. 10% Coarse sand. Trace gravel. Wet. Medium Gray N5. Slight Odor.		32	
				End of Boring			

Drilling Method: Geoprobe 6620

Logged By: DDJ

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Project Number: 06-10246-30

Surveyed (check if Yes): ☒

TOC Elevation = 767.50

X = 80.19

Y = 166.99

WELL NUMBER: MW-3s

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: March 2, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
Sample Data & Geology from MW-3D.				Ground Surface (Elev. = 768)		0	
0 - 2	12:50	90	0.2	ASPHALT		0	
Soil Sample Submitted for Lab Analysis.				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		2	
2 - 4	12:51	90	0.2			4	
4 - 6	12:52	90	0.8	MEDIUM SAND 50% Medium Sand, 30% Fine Sand, 20% Coarse Sand. Trace Silt and gravel. Moderate Yellowish brown 10YR5/4. Wet @ 6.0-feet. Odor starting at 6.0-ft. Gray-Black stains 1.0-inch thick at 7.0-ft.		6	
6 - 8	12:54	90	335			8	
8 - 10	12:55	90	497			10	
10 - 12	13:18	90	206			12	
12 - 14	13:19	90	358	COARSE SAND & GRAVEL 50% Medium Sand, 40% Coarse Sand, 10% Gravel. Trace Silt. Wet. Odor. Moderate Yellowish Brown 10YR5/4. Blackish stains 2.0-inches thick at 13-feet with odor.		14	
				End of Boring		16	



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Project Number: 06-10246-30

Surveyed (check if Yes): ☒
TOC Elevation = 766.78
X = 79
Y = 69

WELL NUMBER: MW-4D

Client: Geocel Corporation
Project: Limited Subsurface Investigation
Location: Geocel - 53280 Marina Dr. - Elkhart
Date: December 27, 2006

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
				Ground Surface (Elev. = 767.08)		
0 - 2	15:18	90	0.0	ASPHALT		
2 - 4	15:19	90	0.2	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		
Soil Sample Submitted for Lab Analysis.						
4 - 6	15:20	90	0.5	MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Moderate Yellowish brown 10YR5/4. Wet @ 5.5-feet. Change to Pale Yellowish brown 10YR6/2 and Odor starting at 10-ft. Generally coarsens as deeper.		
6 - 8	15:22	90	0.1			
8 - 10	15:23	90	1.5			
10 - 12	15:31	90	1.3			
12 - 14	15:32	90	27			
14 - 16	15:33	90	15			
16 - 18	15:41	90	16	COARSE SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 20% Gravel. Trace Silt. Wet. Odor. Medium Gray N5. Blackish gray with odor and more gravel from 16 to 19-feet. Less gravel (5-10%) and no odor 25 to 30-feet.		
18 - 20	15:42	90	6.8			
20 - 22	15:52	90	0.5			
22 - 24	15:53	90	0.7			
24 - 26	15:54	90	1.5			
26 - 28	16:20	90	0.3			
28 - 30	16:21	90	0.4			
				End of Boring		

1" Dia. Pre-Packed Screen

Drilling Method: Geoprobe 6620

Logged By: DDJ

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041

R.E.S.

ROBERTS ENVIRONMENTAL SERVICES, LLC

2112 Carmen Court
Goshen, Indiana
Ph: (574) 537-0881
www.robertsenvserv.com

Project Number: 06-10246-31

Surveyed (check if Yes): ☒

TOC Elevation = 766.78

X = 74.79

Y = 66.88

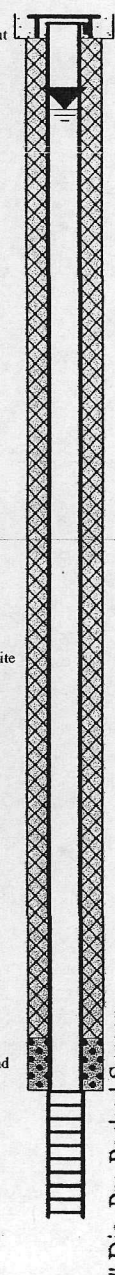
WELL NUMBER: MW-4D47

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: April 10, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol Depth	
See MW-4s for 0-14 feet Sample Data & MW-4D for 14-30 feet Sample Data.				Ground Surface (Elev. = 767.14)	0	
				ASPHALT & GRAVEL	2	
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.	4	
				MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Moderate Yellowish brown 10YR5/4. Wet @ 5.5-feet. Change to Pale Yellowish Brown 10YR6/2 and odor starting at 10-ft. Generally coarsens as deeper.	6	
				SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 20% Gravel, Trace Silt. Wet. Odor. Medium Gray N5. Blackish gray with odor and more gravel from 16 to 19-feet. Less gravel (5-10%) and no odor 25 to 30-feet.	8	
					10	
					12	
					14	
					16	
					18	
30 - 32	11:35	90	0.1		20	1" Dia. Pre-Packed Screen
32 - 34	11:36	90	0.4		22	
34 - 36	11:37	90	0.6		24	
36 - 38	11:38	90	0.8		26	
38 - 40	11:39	90	1.6		28	
40 - 42	11:54	90	2.0		30	
42 - 44	11:55	90	1.2		32	
44 - 46	11:56	90	2.2		34	
46 - 48	11:57	90	0.7		36	
					38	
					40	1" Dia. Pre-Packed Screen
					42	
					44	
					46	
					48	
					50	

Drilling Method: Geoprobe 6600

Logged By: DDJ

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2112 Carmen Court
Goshen, Indiana
Ph: (574) 537-0881
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Project Number: 06-10246-31

WELL NUMBER: MW-4D61

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart




Date: April 4, 2007

Surveyed (check if Yes): ☒

TOC Elevation = 766.74

X = 72.95

Y = 65.45

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
See MW-4s for 0-14 feet Sample Data & MW-4D for 14-30 feet Sample Data.				Ground Surface (Elev. = 767.14)		0	
				ASPHALT & GRAVEL		2	
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		4	
				MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Moderate Yellowish brown 10YR5/4. Wet @ 5.5-feet. Change to Pale Yellowish Brown 10YR6/2 and odor starting at 10-ft. Generally coarsens as deeper.		6	
						8	
						10	
						12	
						14	
				SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 20% Gravel, Trace Silt. Wet. Odor. Medium Gray N5. Blackish gray with odor and more gravel from 16 to 19-feet. Less gravel (5-10%) and no odor 25 to 30-feet.		16	
						18	
30 - 32	11:35	90	0.1			20	
32 - 34	11:36	90	0.4			22	
34 - 36	11:37	90	0.6			24	
36 - 38	11:38	90	0.8	FINE/MEDIUM SAND 50% Fine Sand, 50% Medium Sand, Trace gravel and coarse sand. Wet. Pale Yellowish brown.		26	
38 - 40	11:39	90	1.6			28	
40 - 42	11:54	90	2.0	SAND & GRAVEL 60% Coarse Sand, 20% Medium Sand, 20% Gravel. 10% Silt from 39 to 40-ft. Some 2" to 3" cobble 49-50 ft. Pale Yellowish Brown. Wet.		30	
42 - 44	11:55	90	1.2			32	
44 - 46	11:56	90	2.2			34	
46 - 48	11:57	90	0.7			36	
48 - 50	11:58	90	0.6			38	
						40	
						42	
						44	
						46	
						48	
						50	

Drilling Method: Mini-SONIC

Logged By: DDJ

Page: 1 of 2



2112 Carmen Court
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Project Number: 06-10246-31

Surveyed (check if Yes): ☒
TOC Elevation = 766.74
X = 72.95
Y = 65.45

WELL NUMBER: MW-4D61

Client: Geocel Corporation
Project: Limited Subsurface Investigation
Location: Geocel - 53280 Marina Dr. - Elkhart
Date: April 4, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
50 - 52	12:20	90	1.1	(Elev. = 767.14)		52	 1" Dia. Pre-Packed Screen
52 - 54	12:21	90	0.5	FINE/MEDIUM SAND 50% Fine Sand, 50% Medium Sand, Trace gravel and coarse sand. Wet. Pale Yellowish brown. Some thin intermittent silty fine sand layers starting at 56-ft.		54	
54 - 56	12:22	90	5.4			56	
56 - 58	12:23	90	10.1			58	
58 - 60	12:24	90	10.3			60	
60 - 62	13:20	90	1.7			62	
62 - 64	13:21	90	4.9	6" to 8" SILTY FINE SAND LAYER MEDIUM/FINE SAND 60% Medium Sand, 30% Fine Sand, Some Silt. 10% Coarse Sand. Pale Yellowish Brown. Wet. Some thin silty sand layers to approximately 67-ft.		64	
64 - 66	13:22	90	3.1	MEDIUM SAND 60% Medium Sand, 20% Coarse Sand, 20% Fine Sand. Some silt and gravel. Pale Yellowish Brown. Thin 1" Silty Sand layer @ 76-ft.		66	
66 - 68	13:23	90	3.6			68	
68 - 70	13:24	90	3.2			70	
70 - 72	13:58	90	0.7			72	
72 - 74	13:59	90	1.1			74	
74 - 76	14:00	90	2.3	End of Boring		76	
76 - 78	14:01	90	6.0			78	
78 - 80	14:02	90	7.4			80	
						82	
						84	
						86	
						88	
						90	
						92	
						94	
						96	
						98	
						100	



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Ph: (574) 537-0881
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Project Number: 06-10246-30

Surveyed (check if Yes): ☒
TOC Elevation = 766.81
X = 79
Y = 67

WELL NUMBER: MW-4S

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: December 27, 2006

SAMPLE INFORMATION				SUBSURFACE PROFILE		Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	
				Ground Surface (Elev. = 767.10)		
0 - 2	15:18	90	0.0	ASPHALT		
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		
2 - 4	15:19	90	0.2			
				MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Moderate Yellowish brown 10YR5/4. Wet @ 5.5-feet. Change to Pale Yellowish brown 10YR6/2 and Odor starting at 10-ft. Generally coarsens as deeper.		
4 - 6	15:20	90	0.5			
6 - 8	15:22	90	0.1			
8 - 10	15:23	90	1.5			
10 - 12	15:31	90	1.3			
12 - 14	15:32	90	27			
				End of Boring		



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Project Number: 06-10246-30

Surveyed (check if Yes): ☒

TOC Elevation = 766.26

X = 98

Y = 24

WELL NUMBER: MW-9D

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: December 28, 2006

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface (Elev. = 766.60)		0	
0 - 2	13:50	60	0.1	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		2	
2 - 4	13:51	60	0.0			4	
4 - 6	13:52	60	0.8	MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet @ 5.0-feet. Generally coarsens as deeper. Chemical-type odor at 10' to 15'.		6	
6 - 8	13:55	80	0.4			8	
8 - 10	13:56	80	2.6			10	
10 - 12	14:02	90	19.2			12	
12 - 14	14:03	90	11.1			14	
14 - 16	14:04	90	4.0			16	
16 - 18	14:14	80	2.3	COARSE SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 20% Gravel. Trace Silt. Wet. Moderate Yellowish Brown 10YR5/4. Sweet-like odor 16 to 20-feet. Change to Medium Gray N5 at 25. 40% gravel at 20 to 20.5-feet and 24 to 24.75'.		18	
18 - 20	14:15	80	2.8			20	
20 - 22	14:29	90	0.6			22	
22 - 24	14:30	90	0.6			24	
24 - 26	14:31	90	0.8			26	
26 - 28	14:50	80	0.3			28	
28 - 30	14:51	80	0.5			30	
				End of Boring		32	

Drilling Method: Geoprobe 6620

Logged By: DDJ

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Project Number: 06-10246-30

Surveyed (check if Yes): ☒
TOC Elevation = 766.32
X = 100
Y = 24

WELL NUMBER: MW-9S

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: December 28, 2006

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				Ground Surface (Elev. = 766.60)		0	 1" Dia. Pre-Packed Screen
0 - 2	13:50	60	0.1	SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		2	
2 - 4	13:51	60	0.0			4	
4 - 6	13:52	60	0.8	MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Mottled Moderate Yellowish brown 10YR5/4 to Pale Yellowish Brown 10YR6/2. Wet @ 5.0-feet. Generally coarsens as deeper. Chemical-type odor at 10' to 15'.		6	
6 - 8	13:55	80	0.4			8	
8 - 10	13:56	80	2.6			10	
10 - 12	14:02	90	19.2			12	
12 - 14	14:03	90	11.1			14	
				End of Boring		16	

Drilling Method: Geoprobe 6620

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Project Number: 06-10246-33

WELL NUMBER: WCMT

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: May 16-17, 2007

Surveyed (check if Yes): ☐

TOC Elevation = Approx. 766

X =

Y =

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
See MW-4D61 for 0-75 feet Sample Data. Geology from 0-75 feet from MW-4D61.				Ground Surface (Elev. = 766)		0	
				TOPSOIL		2	
				SILTY SAND 40% Fine Sand, 20% Medium Sand, 40% Silt. Moderate Brown 5YR/4/4 to Moderate Yellowish Brown 10YR5/4.		4	
				MEDIUM SAND 60% Medium Sand, 10% Fine Sand, 30% Coarse Sand. Trace Silt and gravel. Moderate Yellowish brown 10YR5/4. Wet @ 5.5-feet.		6	
						8	
				SAND & GRAVEL 40% Medium Sand, 40% Coarse Sand, 20% Gravel, Trace Silt. Wet. Odor. Medium Gray N5. Blackish gray with odor and more gravel from 16 to 19-feet. Less gravel (5-10%) and no odor 25 to 30-feet.		10	
						12	
						14	
						16	
						18	
				FINE/MEDIUM SAND 50% Fine Sand, 50% Medium Sand, Trace gravel and coarse sand. Wet. Pale Yellowish brown.		20	
				SAND & GRAVEL 60% Coarse Sand, 20% Medium Sand, 20% Gravel. 10% Silt from 39 to 40-ft. Some 2" to 3" cobble 49-50 ft. Pale Yellowish Brown. Wet.		22	
						24	
						26	
						28	
						30	
						32	
						34	
						36	
						38	
						40	
						42	
						44	
						46	
						48	
						50	
						52	
						54	
						56	
						58	
						60	

Drilling Method: SONIC

Logged By: DDJ

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Ph: (574) 537-0881
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Project Number: 06-10246-33

Surveyed (check if Yes): ☐
TOC Elevation = Approx. 766
X =
Y =

WELL NUMBER: WCMT

Client: Geocel Corporation
Project: Limited Subsurface Investigation
Location: Geocel - 53280 Marina Dr. - Elkhart
Date: May 16-17, 2007

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
				(Elev. = 766) 6" to 8" SILTY FINE SAND LAYER		62	Port #1
				MEDIUM/FINE SAND 60% Medium Sand, 30% Fine Sand, Some Silt. 10% Coarse Sand. Pale Yellowish Brown. Wet. Some thin silty sand layers to approximately 67-ft.		64	
						66 Sand	
						68	
						70	
						72	
				MEDIUM SAND 60% Medium Sand, 20% Coarse Sand, 20% Fine Sand. Some silt and gravel. Pale Yellowish Brown. Thin 1" Silty Sand layer @ 76-ft. Grade to 50% Medium Sand 40% Fine Sand 10% Coarse Sand.		74	
75 - 80	14:44	80	4.9			76	
						78	
						80	
80 - 85	14:43	80	7.1			82	
						84	
						86	Port #2
85 - 90	14:45	80	6.0			88	
						90	
						92	
90 - 95	14:46	80	1.2	FINE/MEDIUM SAND 70% Fine Sand, 30% Medium Sand. Trace Gravel and Coarse Sand. Wet. Pale Yellowish Brown.		94	Port #3
						96	
95 - 100	15:28	100	2.3			98	
						100	
100 - 105	15:29	100	8.9			102	Port #4
						104	
						106	
105 - 110	15:30	100	5.1			108	
						110	Port #5
110 - 115	15:31	100	11.2	FINE SAND 70% Fine Sand, 30% Very Fine Sand. Pale Yellowish brown. 2" thick Silty fine sand @ 114-ft. Grade to 30% Medium Sand by 116-ft.		112	
						114	
						116	
115 - 120	16:27	80	3.1			118	
						120	

Drilling Method: SONIC

Logged By: DDJ

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Project Number: 06-10246-33

WELL NUMBER: WCMT

Client: Geocel Corporation

Project: Limited Subsurface Investigation

Location: Geocel - 53280 Marina Dr. - Elkhart

Date: May 16-17, 2007

Surveyed (check if Yes): ☐

TOC Elevation = Approx. 766

X =

Y =

SAMPLE INFORMATION				SUBSURFACE PROFILE			Well Completion
Sample I.D.	Time	Recovery (%)	FID (ppm)	Lithologic Description	Symbol	Depth	
120 - 125	16:28	80	0.9	(Elev. = 766)		122	
125 - 130	16:29	80	0.9			124	
						126	
130 - 135	16:30	80	2.4			128	
						130	
135 - 140	17:01	90	1.5	CLAY Very stiff, plastic, gray clay. Approximately 60-70% Clay, 30% Silt. Some Fine Sand. Some trace gravel at top of clay layer.		132	Solinst 7-Channel CMT System Port #6 Port #7
140 - 141.75	17:02	90	1.1			134	
141.75 - 145	17:03	90	0.7			136	
						138	
						140	
						142	
				End of Boring		144	
						146	
						148	
						150	
						152	
						154	
						156	
						158	
						160	
						162	
						164	
						166	
						168	
						170	
						172	
						174	
						176	
						178	
						180	

Drilling Method: SONIC

Logged By: DDJ

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GEOCEL
GP-24 through GP-50
& MW Soil Results
(Hits Only)


Sample ID	Collected Date	Parameter	Results	Units	PQL	Analysis Method
MW-6 (2-4)	12/28/2006 10:02	Tetrachloroethene	28	ug/kg	4.9	EPA 5035
MW-7 (2-4)	12/28/2006 10:36	Tetrachloroethene	36	ug/kg	4.9	EPA 5035
MW-11 (2-4)	12/29/2006 14:14	1,3,5-Trimethylbenzene	59	ug/kg	130	EPA 5035
	12/29/2006 14:14	Iodomethane	350	ug/kg	2500	EPA 5035
	12/29/2006 14:14	Isopropylbenzene (Cumene)	60	ug/kg	130	EPA 5035
	12/29/2006 14:14	Tetrachloroethene	3700	ug/kg	510	EPA 5035
GP-27 (2-4)	01/09/2007 10:19	Tetrachloroethene	29	ug/kg	4.7	EPA 5035
GP-28 (2-4)	01/09/2007 12:00	Tetrachloroethene	28	ug/kg	4.9	EPA 5035
GP-29 (4-6)	01/09/2007 13:42	Tetrachloroethene	46	ug/kg	4.9	EPA 5035
GP-30 (2-4)	01/09/2007 14:54	Tetrachloroethene	66	ug/kg	4.7	EPA 5035
GP-31 (2-4)	01/09/2007 16:21	Methylene chloride	210	ug/kg	22	EPA 5035
	01/09/2007 16:21	Tetrachloroethene	19	ug/kg	5.4	EPA 5035
GP-32 (2-4)	01/10/2007 10:04	Methylene chloride	270	ug/kg	22	EPA 5035
GP-33 (2-4)	01/10/2007 11:07	Tetrachloroethene	20	ug/kg	4.8	EPA 5035
GP-34 (2-4)	01/10/2007 12:39	Tetrachloroethene	23	ug/kg	5.1	EPA 5035
GP-35 (2-4)	01/10/2007 13:54	Tetrachloroethene	18	ug/kg	4.8	EPA 5035
GP-37 (2-4)	01/10/2007 16:38	1,2,4-Trimethylbenzene	720	ug/kg	120	EPA 5035
	01/10/2007 16:38	1,3,5-Trimethylbenzene	240	ug/kg	5	EPA 5035
	01/10/2007 16:38	cis-1,2-Dichloroethene	42	ug/kg	5	EPA 5035
	01/10/2007 16:38	Ethylbenzene	170	ug/kg	5	EPA 5035
	01/10/2007 16:38	Isopropylbenzene (Cumene)	16	ug/kg	5	EPA 5035
	01/10/2007 16:38	m&p-Xylene	1200	ug/kg	120	EPA 5035
	01/10/2007 16:38	n-Propylbenzene	46	ug/kg	5	EPA 5035
	01/10/2007 16:38	o-Xylene	540	ug/kg	120	EPA 5035
	01/10/2007 16:38	Tetrachloroethene	570	ug/kg	120	EPA 5035
	01/10/2007 16:38	Trichloroethene	8.4	ug/kg	5	EPA 5035
	01/10/2007 16:38	Xylene (Total)	1800	ug/kg	240	EPA 5035
	01/10/2007 16:38	TPH - Gasoline	3.7	mg/kg	.96	EPA 8015 Mod Pur
GP-38 (2-4)	01/11/2007 08:31	Naphthalene	32	ug/kg	5	EPA 5035
GP-40 (0-2)	01/11/2007 10:07	Iodomethane	93	ug/kg	2500	EPA 5035
	01/11/2007 10:07	Methylene chloride	43	ug/kg	500	EPA 5035
	01/11/2007 10:07	Tetrachloroethene	37000	ug/kg	5000	EPA 5035
	01/11/2007 10:07	TPH-ERO	13	mg/kg	11	EPA 8015 Mod Ext
	01/11/2007 10:07	TPH - Gasoline	3.5	mg/kg	.97	EPA 8015 Mod Pur
GP-41 (2-4)	01/11/2007 10:44	Tetrachloroethene	25	ug/kg	5.1	EPA 5035
	01/11/2007 10:44	TPH-ERO	13	mg/kg	11	EPA 8015 Mod Ext
GP-42 (2-4)	01/11/2007 13:26	Tetrachloroethene	5.4	ug/kg	4.6	EPA 5035
	01/11/2007 13:26	TPH-ERO	18	mg/kg	11	EPA 8015 Mod Ext
GP-44 (2-4)	01/11/2007 15:38	Tetrachloroethene	7.9	ug/kg	4.9	EPA 5035
GP-45 (2-4)	01/11/2007 16:05	cis-1,2-Dichloroethene	5.9	ug/kg	4.8	EPA 5035
	01/11/2007 16:05	Tetrachloroethene	23	ug/kg	4.8	EPA 5035
GP-46 (0-2)	01/22/2007 09:51	cis-1,2-Dichloroethene	500	ug/kg	120	EPA 5035
	01/22/2007 09:51	Trichloroethene	1200	ug/kg	120	EPA 5035

TABLE 3 - GEOCEL
GP-51 through GP-76; EMW-1 through EMW-8; MW-12 through MW-17i/s
SOIL SAMPLING RESULTS - FEB/MAR 2007
******HITS ONLY SUMMARY******

Sample ID	Collected Date	Parameter	Results	Units	PQL	Analysis Method	Dilution Factor	Qualifiers
GP-51 (0-2)	02/22/2007 09:44	1,2,4-Trimethylbenzene	123	ug/kg	121	EPA 8260	25	
	02/22/2007 09:44	Tetrachloroethene	1240	ug/kg	121	EPA 8260	25	
	02/22/2007 09:44	cis-1,2-Dichloroethene	155	ug/kg	121	EPA 8260	25	
GP-51 (2-4)	02/22/2007 09:45	Tetrachloroethene	122	ug/kg	5.6	EPA 8260	1	
	02/22/2007 09:45	cis-1,2-Dichloroethene	11.4	ug/kg	5.6	EPA 8260	1	
GP-52 (0-2)	02/22/2007 10:22	Tetrachloroethene	60.9	ug/kg	5.4	EPA 8260	1	
GP-56 (0-2)	02/22/2007 15:12	TPH-ERO	28.2	mg/kg	11.0	EPA 8015 Mod Ext	1	
	02/22/2007 15:12	Tetrachloroethene	3210	ug/kg	124	EPA 8260	25	
GP-56 (2-4)	02/22/2007 15:13	TPH-ERO	31.3	mg/kg	11.6	EPA 8015 Mod Ext	1	
	02/22/2007 15:13	Tetrachloroethene	619	ug/kg	145	EPA 8260	25	
GP-57 (0-2)	02/22/2007 15:50	Tetrachloroethene	279	ug/kg	5.4	EPA 8260	1	
GP-57 (2-4)	02/22/2007 15:51	Tetrachloroethene	121	ug/kg	5.6	EPA 8260	1	
EMW-5 (0-2)	03/06/2007 10:42	TPH-ERO	27.6	mg/kg	11.1	EPA 8015 Mod Ext	1	
	03/06/2007 10:42	Tetrachloroethene	86.6	ug/kg	4.5	EPA 8260	1	
EMW-5 (2-4)	03/06/2007 10:43	Tetrachloroethene	20.3	ug/kg	5.0	EPA 8260	1	
EMW-6 (0-2)	03/06/2007 11:46	TPH-ERO	12.2	mg/kg	11.0	EPA 8015 Mod Ext	1	
	03/06/2007 11:46	Tetrachloroethene	61.8	ug/kg	4.4	EPA 8260	1	
EMW-6 (2-4)	03/06/2007 11:47	Tetrachloroethene	13.6	ug/kg	4.8	EPA 8260	1	
EMW-2 (0-2)	03/01/2007 15:16	Tetrachloroethene	2730	ug/kg	112	EPA 8260	25	
EMW-2 (2-4)	03/01/2007 15:17	Tetrachloroethene	1450	ug/kg	117	EPA 8260	25	
GP-58 (2-4)	03/07/2007 10:24	TPH-ERO	26.0	mg/kg	11.1	EPA 8015 Mod Ext	1	
GP-61 (0-2)	03/07/2007 13:06	TPH-ERO	15.3	mg/kg	10.9	EPA 8015 Mod Ext	1	
	03/07/2007 13:06	Tetrachloroethene	220	ug/kg	4.7	EPA 8260	1	
GP-70 (14-15.5)	03/13/2007 10:26	Gasoline Range Organics	2.2	mg/kg	1.0	EPA 8015 Mod Pur	1	
	03/13/2007 10:26	1,2,4-Trimethylbenzene	1380	ug/kg	114	EPA 8260	25	
	03/13/2007 10:26	1,3,5-Trimethylbenzene	1710	ug/kg	114	EPA 8260	25	
	03/13/2007 10:26	Ethylbenzene	3540	ug/kg	114	EPA 8260	25	
	03/13/2007 10:26	Isopropylbenzene (Cumene)	203	ug/kg	114	EPA 8260	25	
	03/13/2007 10:26	Xylene (Total)	7520	ug/kg	228	EPA 8260	25	
	03/13/2007 10:26	n-Propylbenzene	242	ug/kg	114	EPA 8260	25	
GP-73 (14-15.5)	03/13/2007 15:45	Tetrachloroethene	67.7	ug/kg	5.2	EPA 8260	1	
	03/13/2007 15:45	Vinyl chloride	91.5	ug/kg	5.2	EPA 8260	1	
	03/13/2007 15:45	cis-1,2-Dichloroethene	760	ug/kg	123	EPA 8260	25	
MW-15 (0-2)	03/05/2007 12:37	Tetrachloroethene	11.7	ug/kg	4.7	EPA 8260	1	
MW-16 (0-2)	03/05/2007 14:07	Tetrachloroethene	118	ug/kg	4.7	EPA 8260	1	
	03/05/2007 14:07	cis-1,2-Dichloroethene	22.7	ug/kg	4.7	EPA 8260	1	
MW-16 (12-14)	03/05/2007 14:21	Ethylbenzene	3820	ug/kg	123	EPA 8260	25	Y
	03/05/2007 14:21	Isopropylbenzene (Cumene)	8.1	ug/kg	4.9	EPA 8260	1	
	03/05/2007 14:21	Tetrachloroethene	27.5	ug/kg	4.9	EPA 8260	1	
	03/05/2007 14:21	Xylene (Total)	749	ug/kg	9.8	EPA 8260	1	
MW-12 (10-12)	03/02/2007 10:00	Gasoline Range Organics	17.9	mg/kg	0.98	EPA 8015 Mod Pur	1	
	03/02/2007 10:00	Ethylbenzene	5590	ug/kg	123	EPA 8260	25	
	03/02/2007 10:00	Xylene (Total)	20800	ug/kg	1970	EPA 8260	200	

Only soil samples with detectable concentrations are shown.

TABLE 2 (cont'd)
GROUND WATER ANALYTICAL RESULTS SUMMARY
GEOCEL FACILITY
53280 MARINA DRIVE - ELKHART, INDIANA
****DRAFT****

		SAMPLE I.D.																						
		GP-24 (GW)	GP-25 (GW)	GP-26 (GW)	GP-27 (GW)	GP-28 (GW)	GP-29 (GW)	GP-30 (GW)	GP-31 (GW)	GP-32 (GW)	GP-33 (GW)	GP-34 (GW)	GP-35 (GW)	GP-36 (GW)	GP-37 (GW)	GP-38 (GW)	GP-39 (GW)	GP-40 (GW)	GP-41 (GW)	GP-42 (GW)	GP-43 (GW)	GP-44 (GW)		
SAMPLE DATE		12/27/06	12/28/06	12/29/06	01/09/07	01/09/07	01/09/07	01/09/07	01/09/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/10/07	01/11/07	01/11/07	01/11/07	01/11/07	01/11/07	01/11/07	01/11/07	RISC	
CONSTITUENT		RESULTS																					RDCL	IDCL
TPHs	TPH-GRO ¹	8,010	ND	264	ND	ND	ND	ND	ND (280)	ND	ND	ND	ND	ND	254,000	ND	ND	30,900	ND	ND	ND	ND	220.0	3,000.0
	TPH-ERO ²	5,400	290	ND	150	110	140	180	ND (260)	ND	170	ND	ND	ND	21,000	100	220	200	140	130	240	ND	100.0	1,100.0
VOCs	Tetrachloroethylene (PERC)	1,700	150	520	All ND	17	36	150	130 (570)	43	73	23	All ND	22	4,100	46	30	88,000	13	150	32	12	5	55
	Trichloroethylene (TCE)	76	ND	6.2		ND	ND	ND	9.0 (11)	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	5	7.2/31*
	1,1,1-Trichloroethane (TCA)	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	200	29,000
	1,1-DCE	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	7	5,100
	cis-1,2-DCE	2,000	ND	ND		ND	ND	ND	40 (51)	ND	ND	ND		ND	ND	3,700	ND	ND	ND	ND	ND	ND	70	1,000
	trans-1,2-DCE	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	100	2,000
	Vinyl Chloride (VC)	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	2	4
	Methylene Chloride	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	950	ND	ND	ND	ND	ND	ND	5	380
	Ethylbenzene	22,000	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	39,000	ND	ND	ND	ND	ND	ND	700	10,000
	Toluene	330	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	540	ND	ND	ND	ND	ND	ND	1,000	8,200
	Xylenes (Total)	93,000	9.6	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	150,000	ND	ND	ND	ND	ND	ND	10,000	20,000
	1,2,4-Trimethylbenzene	920	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	4,800	ND	ND	ND	ND	ND	ND	16	5,100
	1,3,5-Trimethylbenzene	400	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	1,900	ND	ND	ND	ND	ND	ND	16	5,100
	Isopropylbenzene	430	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	560	ND	ND	ND	ND	ND	ND	830	10,000
	n-Propylbenzene	190	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	860	ND	ND	ND	ND	ND	ND	310	4,100
	Naphthalene	1.3	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.3
SVOCs	2,4-Dimethylphenol	15	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	110	All ND	All ND	All ND	All ND	All ND	All ND	ND	ND	730	2,000
	bis(2-Ethylhexyl)phthalate	ND																			5.4	5.0	6	200
	bis(2-Chloroethoxy)methane	ND																			ND	ND	NA	NA
	Naphthalene	8.4																			8.4	ND	ND	8.3

Notes: All results in micrograms per liter (ug/l). ND = Not Detected at or above adjusted reporting limit. VOCs = Volatile Organic Compounds. SVOCs = Semi-Volatile Organic Compound.
 Due to dilution, some constituent concentrations could potentially be "masked" by the higher reporting limits (i.e., constituents may be present in sample, but are not reported since their concentrations are below the elevated practical quantitation limits).

IDEM RISC = Indiana Department of Environmental Management Risk Integrated System of Closure. * Proposed IDCL for TCE. ** Closure level for 4-Methylphenol listed. DCE = Dichloroethylene.


Bold & yellow highlighted results indicate concentration exceeds the IDEM RISC Residential default closure level (RDCL) for ground water.

Bold, underlined, & red highlighted results indicate concentration exceeds the IDEM RISC Industrial default closure level (IDCL) for ground water.

¹ TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics. ² TPH-ERO = Total Petroleum Hydrocarbons - Extended Range Organics.



TABLE 1 - SOIL ANALYTICAL RESULTS SUMMARY
GEOCEL FACILITY
53280 MARINA DRIVE - ELKHART, INDIANA

		SAMPLE I.D.																										UNITS									
		GP-3 (4-6)	GP-4 (4-6)	GP-5 (4-6)	GP-6 (4-6)	GP-7 (4-6)	GP-8 (4-6)	GP-9 (4-6)	GP-10 (0-2)	GP-11 (4-6)	GP-12 (2-4)	GP-13 (4-6)	GP-14 (4-6)	GP-15 (2-4)	GP-17 (4-6)	GP-18 (4-6)	GP-19 (4-6)	GP-20 (4-6)	GP-21 (2-4)	GP-22 (2-4)	GP-23 (2-4)	SB-1 (0-2)	SB-2 (1-1.5)	SB-3 (1.5-2)	SB-4 (1-1.5)	SB-5 (2-4)	SB-6 (2-4)										
		SAMPLE DATE	11/02/06	11/02/06	11/03/06	11/03/06	11/03/06	11/06/06	11/06/06	11/06/06	11/06/06	11/06/06	11/06/06	11/06/06	11/06/06	11/13/06	11/13/06	11/13/06	11/13/06	11/13/06	11/13/06	11/13/06	11/03/06	11/06/06	11/06/06	11/06/06	11/06/06		11/13/06								
CONSTITUENT		RESULTS																										RDCL	IDCL								
TPHs	TPH-GRO ¹	ND	13,000	ND	4,900	1.4	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	mg/kg	25	330								
	TPH-ERO ²	ND	1,600	ND	61	ND	ND	ND	22	ND	ND	54	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	ND	ND	190	ND	ND	mg/kg	80	1,000							
VOCs	Tetrachloroethylene (PERC)	ND	130,000	830	860	830	11	13	2,900	110	6,500	150	14	23	All ND	All ND	All ND	All ND	All ND	All ND	All ND	9.6	870	1,100	6,500	1,700	All ND	ug/kg	58	640							
	Trichloroethylene (TCE)	ND	6,100	ND	ND	ND	ND	ND	ND	ND	12	14	ND	ND								ND	ND	ND	ND	ND		31	ND	ND	4.8	37	ug/kg	57	82/350*		
	cis-1,2-DCE	ND	42,000	ND	14,000	1,500	ND	ND	6.6	8.6	34	640	6.5	ND								ND	ND	ND	ND	ND		170	ug/kg	400	5,800						
	Ethylbenzene	ND	680,000	ND	340,000	1,100	ND	ND	ND	ND	ND	810	ND	ND								ND	ND	ND	ND	ND		ND	ug/kg	13,000	160,000						
	Toluene	ND	3,800	ND	1,900	ND	ND	ND	ND	ND	ND	ND	ND	ND								ND	ND	ND	ND	ND		ND	ug/kg	12,000	96,000						
	Xylenes (Total)	5.7	2,700,000	ND	1,200,000	4,000	ND	ND	ND	ND	23	3,700	ND	ND								ND	ND	ND	ND	ND		ND	ug/kg	170,000	170,000						
	1,2,4-Trimethylbenzene	ND	1,000,000	ND	180,000	420	ND	ND	31	ND	82	2,600	ND	ND								ND	ND	ND	ND	ND		ND	ug/kg	2,500	170,000						
	1,3,5-Trimethylbenzene	ND	470,000	ND	110,000	190	ND	ND	18	ND	75	1,300	ND	ND								All ND	All ND	All ND	All ND	All ND		All ND	ND	ND	ND	ND	ND	All ND	ug/kg	610	68,000
	sec-Butylbenzene	ND	24,000	ND	3,400	ND	ND	ND	ND	ND	ND	61	ND	ND								ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ug/kg	None Available		
	tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.7	ND	ND	ND								ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ug/kg	None Available		
	Isopropylbenzene	ND	120,000	ND	37,000	84	ND	ND	ND	ND	8.2	310	ND	ND								ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ug/kg	11,000	42,000	
	p-Isopropyltoluene	ND	9,500	ND	1,600	ND	ND	ND	ND	ND	ND	25	ND	ND								ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ug/kg	None Available		
	n-Propylbenzene	ND	240,000	ND	66,000	130	ND	ND	6.6	ND	26	520	ND	ND								ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ug/kg	36,000	300,000	
	Naphthalene	ND	2,900	ND	1,600	ND	ND	ND	ND	56	ND	18	ND	ND								ND	ND	ND	ND	ND		ND	ND	ND	ND	12	ND	ug/kg	700	170,000	
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ug/kg	28,000	370,000										
SVOCs	bis(2-Ethylhexyl)phthalate	All ND	29,000	All ND	2,900	430	All ND	All ND	All ND	All ND	All ND	ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	ND	All ND	All ND	9,100	All ND	All ND	ug/kg	300,000	980,000								
	Butylbenzylphthalate		13,000		ND	ND						550									ND			ug/kg			310,000	310,000									
	Di-n-butylphthalate		9,400		ND	ND						ND									ND			ug/kg			1.0E+08 Region III	7.8+06 Region III									
	Phenanthrene		ND		ND	ND						ND									340			ND			ug/kg	13,000	170,000								

Notes: mg/kg = milligrams per kilogram. ug/kg = micrograms per kilogram. ND = Not Detected at or above adjusted reporting limit. VOCs = Volatile Organic Compounds. SVOCs = Semi-Volatile Organic Compound
Due to dilution, some constituent concentrations could potentially be "masked" by the higher reporting limits (i.e., constituents may be present in sample, but are not reported since their concentrations are below the elevated practical quantitation limits).

IDEM RISC = Indiana Department of Environmental Management Risk Integrated System of Closure. * Proposed IDCL for TCE. ** Closure level for 4-Methylphenol listed. DCE = Dichloroethylene.

Bold & yellow highlighted results indicate concentration exceeds the IDEM RISCresidential default closure level (RDCL) for ground water.

Bold, underlined, & red highlighted results indicate concentration exceeds the IDEM RISC industrial default closure level (IDCL) for ground water.

¹ TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics. ² TPH-ERO = Total Petroleum Hydrocarbons - Extended Range Organics.

TABLE 2 - GROUND WATER ANALYTICAL RESULTS SUMMARY
GEOCEL FACILITY
53280 MARINA DRIVE - ELKHART, INDIANA

		SAMPLE I.D.																							IDEM		
		GP-1 (GW)	GP-2 (GW)	GP-3 (GW)	GP-4 (GW)	GP-5 (GW)	GP-6 (GW)	GP-7 (GW)	GP-8 (GW)	GP-9 (GW)	GP-10 (GW)	GP-11 (GW)	GP-12 (GW)	GP-13 (GW)	GP-14 (GW)	GP-15 (GW)	GP-16 (GW)	GP-17 (GW)	GP-18 (GW)	GP-19 (GW)	GP-20 (GW)	GP-21 (GW)	GP-22 (GW)	GP-23 (GW)			
SAMPLE DATE		11/02/06	11/02/06	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06	11/06/06	11/06/06	11/06/06	11/06/06	11/06/06	11/06/06	11/06/06	11/06/06	11/13/06	11/13/06	11/13/06	11/13/06	11/13/06	11/13/06	11/13/06	11/13/06	RISC		
CONSTITUENT		RESULTS																							RDCL	IDCL	
TPHs	TPH-GRO ¹	ND	ND	ND	514,000	5,410	203,000	183,000	ND	ND	2,580	360	187,000	255,000	690	ND	ND	ND	ND	ND	ND	480	ND	ND	220.0	3,000.0	
	TPH-ERO ²	150	160	150	57,000	ND	6,000	2,900	120	140	250	390	3,100	870	160	1,400	210	ND	140	ND	ND	130	ND	ND	100.0	1,100.0	
VOCs	Tetrachloroethylene (PERC)	All ND	All ND	27	13,000	1,600	22,000	1,000	41	150	9,000	890	35,000	7,800	250	370	All ND	All ND	All ND	All ND	All ND	18	All ND	9.5	5	55	
	Trichloroethylene (TCE)			ND	1,900	110	2,000	ND	ND	ND	140	50	620	540	8	ND						ND		ND	5	7.2/31*	
	1,1,1-Trichloroethane (TCA)			ND	ND	ND	140	ND	ND	ND	ND	ND	ND	ND	ND	ND						ND		ND	ND	200	29,000
	1,1-DCE			ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						ND		ND	ND	7	5,100
	cis-1,2-DCE			ND	34,000	3,500	59,000	32,000	ND	5	710	250	3,900	5,900	360	3,500						93		ND	70	1,000	
	trans-1,2-DCE			ND	ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						ND		ND	100	2,000	
	Vinyl Chloride (VC)			ND	ND	300	1,100	1,100	ND	ND	ND	4	ND	ND	ND	ND						170		ND	2	4	
	Ethylbenzene			ND	23,000	2,900	29,000	26,000	ND	ND	ND	ND	46,000	67,000	95	15,000						370		ND	700	10,000	
	Toluene			ND	460	11	490	320	ND	ND	ND	ND	1,400	1,100	ND	79						ND		ND	1,000	8,200	
	Xylenes (Total)			ND	90,000	11,000	100,000	94,000	5.6	ND	10	ND	190,000	250,000	290	63,000						980		ND	10,000	20,000	
	1,2,4-Trimethylbenzene			ND	21,000	2,800	4,300	4,800	ND	ND	17	ND	130,000	17,000	11	780						36		ND	16	5,100	
	1,3,5-Trimethylbenzene			ND	19,000	140	1,800	1,900	ND	ND	ND	ND	47,000	7,900	5.7	340						10		ND	16	5,100	
	sec-Butylbenzene			ND	640	ND	ND	ND	ND	ND	ND	ND	2,200	ND	ND	ND						ND		ND	ND	None Available	
	Isopropylbenzene			ND	3,700	31	640	740	ND	ND	ND	ND	6,000	2,600	ND	190						5.6		ND	830	10,000	
	p-Isopropyltoluene			ND	300	ND	ND	ND	ND	ND	ND	ND	830	ND	ND	ND						ND		ND	ND	None Available	
	n-Propylbenzene			ND	9,700	71	920	1,000	ND	ND	ND	ND	22,000	4,600	ND	170						ND		ND	310	4,100	
	Dibromochloromethane			ND	ND	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						ND		ND	ND	0.13 Region III Tap Water	
SVOCs	2,4-Dimethylphenol	ND	All ND	All ND	ND	All ND	19	25	All ND	ND	All ND	All ND	ND	ND	All ND	ND	All ND	All ND	All ND	All ND	All ND	ND	ND	730	2,000		
	3&4-Methylphenol	ND			ND		26	ND		ND			ND	ND		ND						180**	510**				
	bis(2-Ethylhexyl)phthalate	ND			490		6.2	17		ND			ND	1,100		ND						ND	6	200			
	Butylbenzylphthalate	ND			230		ND	ND		ND			ND	ND		ND						ND	2,700	2,700			
	Di-n-butylphthalate	ND			64		ND	ND		ND			ND	ND		ND						ND	3,700 Region III Tap Water				
	Naphthalene	ND			36		8.8	12		ND			23	12		2.9						ND	ND	8.3	2,000		
	Benzo(a)anthracene	0.27			ND		ND	ND		ND			ND	ND		ND						0.14	0.18	1.2	3.9		
	Benzo(a)pyrene	0.19			ND		ND	ND		0.13			ND	ND		ND						0.27	0.35	0.2	0.39		
	Benzo(b)fluoranthene	0.3			ND		ND	ND		0.31			ND	ND		ND						0.54	0.73	1.2	3.9		
	Benzo(k)fluoranthene	0.14			ND		ND	ND		ND			ND	ND		ND						0.13	0.18	12	39		
	Benzo(g,h,i)perylene	ND			ND		ND	ND		0.17			ND	ND		ND						0.31	0.41	None Available			
	Chrysene	0.31			ND		ND	ND		ND			ND	ND		ND						0.23	0.29	120	390		
	Dibenz(a,h)anthracene	ND			ND		ND	ND		ND			ND	ND		ND						0.13	0.13	0.12	0.39		
	Indeno(1,2,3-cd)pyrene	0.053			ND		ND	ND		0.13			ND	ND		ND						0.27	0.35	1.2	3.9		

Notes: All results in micrograms per liter (ug/l). ND = Not Detected at or above adjusted reporting limit. VOCs = Volatile Organic Compounds. SVOCs = Semi-Volatile Organic Compound. Due to dilution, some constituent concentrations could potentially be "masked" by the higher reporting limits (i.e., constituents may be present in sample, but are not reported since their concentrations are below the elevated practical quantitation limits).

IDEM RISC = Indiana Department of Environmental Management Risk Integrated System of Closure. * Proposed IDCL for TCE. ** Closure level for 4-Methylphenol listed. DCE = Dichloroethylene.


Bold & yellow highlighted results indicate concentration exceeds the IDEM RISC residential default closure level (RDCL) for ground water.

Bold, underlined, & red highlighted results indicate concentration exceeds the IDEM RISC industrial default closure level (IDCL) for ground water.

¹ TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics. ² TPH-ERO = Total Petroleum Hydrocarbons - Extended Range Organics.

R.E.S.
 ROBERTS ENVIRONMENTAL SERVICES, LLC

TABLE 2 (cont'd)
GROUND WATER ANALYTICAL RESULTS SUMMARY
GEOCEL FACILITY
53280 MARINA DRIVE - ELKHART, INDIANA
****DRAFT****

		SAMPLE I.D.																					
		GP-45 (GW)	GP-46 (GW)	GP-47 (GW)	GP-48 (GW)	GP-49 (GW)	GP-50 (GW)	MW-1s	MW-1d	MW-2	MW-3d	MW-4s	MW-4d	MW-5	MW-6	MW-7	MW-8d	MW-9s	MW-9d	MW-10d	MW-11		
SAMPLE DATE		01/11/07	01/22/07	01/22/07	01/22/07	01/22/07	01/22/07	01/18/07	01/18/07	01/18/07	01/18/07	01/18/07	01/18/07	01/18/07	01/17/07	01/17/07	01/18/07	01/18/07	01/18/07	01/17/07	01/17/07	RISC	
CONSTITUENT		RESULTS																				RDCL	IDCL
TPHs	TPH-GRO ¹	83,200	ND	ND	ND	ND	ND	ND	ND	3,160	2,350	310	ND	14,300	440	210 (260)	ND	210	ND	ND	79,200	220.0	3,000.0
	TPH-ERO ²	10,000	490	440	250	490	290	ND	ND	4,900	180	ND	ND	2,300	ND	ND	ND	ND	ND	ND	3,000	100.0	1,100.0
VOCs	Tetrachloroethylene (PERC)	420	7.5	All ND	12	All ND	7.3	All ND	All ND	30	76	7.4	ND	120	1,100	340 (310)	All ND	ND	5.3	12	20,000	5	55
	Trichloroethylene (TCE)	16	ND		ND		ND			8.8	10	ND	9.2	ND	8.6	11 (13)		ND	14	ND	440	5	7.2/31*
	1,1,1-Trichloroethane (TCA)	ND	ND		ND		ND			ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	200	29,000
	1,1-Dichloroethane (DCA)	ND	ND		ND		ND			ND	ND	ND	ND	13	ND	ND		ND	ND	ND	ND	990	10,000
	1,1-DCE	ND	ND		ND		ND			ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	7	5,100
	cis-1,2-DCE	410	ND		ND		11			7,100	ND	ND	45	1,200	13	170 (200)		9.3	7.0	ND	880	70	1,000
	trans-1,2-DCE	7.6	ND		ND		ND			27	ND	ND	ND	6.5	ND	ND		ND	ND	ND	ND	100	2,000
	Vinyl Chloride (VC)	ND	ND		ND		3.8			1,100	ND	ND	5.1	190	ND	ND		10	ND	ND	ND	2	4
	Ethylbenzene	7,300	ND		ND		9.9			6,800	150	25	ND	1,400	ND	ND		15	ND	ND	9,700	700	10,000
	Toluene	5.5	ND		ND		ND			70	ND	ND	ND	14	ND	ND		ND	ND	ND	73	1,000	8,200
	Xylenes (Total)	25,000	ND		ND		12			23,000	590	76	ND	4,800	ND	ND		53	ND	ND	33,000	10,000	20,000
	1,2,4-Trimethylbenzene	12,000	ND		ND		ND			2,100	370	ND	ND	400	ND	ND		9.0	ND	ND	2,100	16	5,100
	1,3,5-Trimethylbenzene	4,900	ND		ND		ND			830	180	ND	ND	210	ND	ND		ND	ND	ND	860	16	5,100
	sec-Butylbenzene	120	ND		ND		ND			9.3	55	ND	ND	ND	ND	ND		ND	ND	ND	ND	None Available	
	tert-Butylbenzene	ND	ND		ND		ND			160	ND	ND	ND	66	ND	ND		ND	ND	ND	230	None Available	
	Isopropylbenzene	4,600	ND		ND		ND			220	ND	ND	ND	76	ND	ND		ND	ND	ND	240	830	10,000
	p-Isopropyltoluene	ND	ND		ND		ND			21	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	None Available	
	n-Propylbenzene	2,500	ND		ND		ND			ND	99	ND	ND	110	ND	ND		ND	ND	ND	440	310	4,100
	Naphthalene	5.7	ND		ND		ND			7.2	8.2	ND	ND	ND	ND	ND		ND	ND	ND	2.9	8.3	2,000
SVOCs	2,4-Dimethylphenol	ND	All ND	All ND	ND	All ND	All ND	ND	All ND	14	All ND	26	All ND	ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	730	2,000
	bis(2-Ethylhexyl)phthalate	12			ND			6.7		ND		6		200									
	Naphthalene	7.1			ND			ND		4.7		ND		1.1								8.3	2,000
	Benzo(b)fluoranthene	ND			0.14			ND		ND		ND		1.2								3.9	

Notes: All results in micrograms per liter (ug/l). ND = Not Detected at or above adjusted reporting limit. VOCs = Volatile Organic Compounds. SVOCs = Semi-Volatile Organic Compounds.
 Due to dilution, some constituent concentrations could potentially be "masked" by the higher reporting limits (i.e., constituents may be present in sample, but are not reported since their concentrations are below the elevated practical quantitation limits).

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Bold & yellow highlighted results indicate concentration exceeds the IDEM RISC residential default closure level (RDCL) for ground water.

Bold, underlined, & red highlighted results indicate concentration exceeds the IDEM RISC industrial default closure level (IDCL) for ground water.

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<<DRAFT>>

TPHS

VOCs

R.E.S.
ROBERT'S ENVIRONMENTAL SERVICES, LLC

TABLE 2 - GROUND WATER ANALYTICAL RESULTS SUMMARY
GEOCEL FACILITY - 53280 MARINA DRIVE - ELKHART, INDIANA
FEBRUARY/MARCH 2007 - MONITORING WELLS
 <<DRAFT>>

		SAMPLE I.D.																				IDEM RISC					
CONSTITUENT	EMW-1	EMW-2	EMW-2d	EMW-3	EMW-4	EMW-4d	EMW-5	EMW-6	EMW-7	EMW-7d	EMW-8	MW-3S	MW-8s	MW-12	MW-13	MW-14s	MW-14d	MW-15	MW-16	MW-17s	MW-17i						
LOCATION	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	Off-Site EAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	Off-Site WAC	Off-Site WAC						
SAMPLE DATE	03/08/07	03/08/07	03/26/07	03/08/07	03/08/07	03/26/07	03/12/07	03/12/07	03/12/07	03/26/07	03/19/07	03/08/07	03/09/07	03/09/07	03/08/07	03/08/07	03/26/07	03/12/07	03/09/07	03/19/07	03/19/07	RDCLs	IDCLs				
TPHs	TPH-GRO ¹	1,500	2,000	ND	230	All ND	All ND	All ND	250	All ND	ND	All ND	92,500	All ND	19,200 (21,900)	All ND	All ND	All ND	All ND	1,700	All ND	3,500	220	3,000.0			
	TPH-ERO ²	ND	ND	ND	ND				ND		ND		ND		ND					ND		ND	ND	ND	ND	ND	ND
VOCs	Tetrachloroethylene (PERC)	5,210	3,840	ND	580	458	All ND	455	549	33.1	ND	All ND	340	137	33.8 (29.5)	All ND	18.3	All ND	All ND	3,240	All ND	61.5	5	55			
	Trichloroethylene (TCE)	47.1	ND	ND	ND	ND		ND	ND	ND	ND		ND	41.5	ND		ND			ND		ND	77.8	ND	5	7.2/31*	
	1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND		ND	ND	ND	11.9		ND	ND	ND		ND			ND		ND	ND	ND	200	29,000	
	1,1-Dichloroethane	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND		ND			ND		ND	ND	ND	11.7	990	10,000
	1,1-DCE	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND		ND			ND		ND	ND	ND	ND	7	5,100
	cis-1,2-DCE	305	ND	ND	ND	ND		ND	ND	ND	ND		ND	675	ND		87.5 (286)			326		397	2,600	70	1,000		
	trans-1,2-DCE	7.9	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND		ND			18.4		ND	30.5	100	2,000		
	Vinyl Chloride (VC)	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	36.7	ND		51.7 (189)			167		2,880	2	4			
	Ethylbenzene	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	11,000	ND		1,180 (1,840)			ND		53	1,040	700	10,000		
	Toluene	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	124	ND		ND (14.6)			ND		ND	6.2	1,000	8,200		
	Xylenes (Total)	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	41,900	ND		4,130 (6,210)			ND		81.6	1,530	10,000	20,000		
	1,2,4-Trimethylbenzene	ND	ND	7.6	ND	ND		ND	ND	ND	ND		ND	2,580	ND		13.3 (43)			ND		38.8	70.6	16	5,100		
	1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	1,050	ND		ND (10.8)			ND		ND	15.1	16	5,100		
	sec-Butylbenzene	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	23.1	ND		ND			ND		ND	ND	None Available			
	Isopropylbenzene	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	383	ND		8.2 (28.3)			ND		ND	33.3	830	10,000		
	p-Isopropyltoluene	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	11.7	ND		ND			ND		ND	ND	None Available			
	n-Propylbenzene	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	627	ND		ND			ND		ND	ND	9.0	310	4,100	
	Naphthalene	10.1	ND	29.6	ND	ND		ND	ND	ND	ND		ND	6.9	ND		7.6 (ND)			ND		ND	ND	ND	8.3	2,000	
	Naphthalene	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	ND	All ND	7.0	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	8.3	2,000					
	Butylbenzylphthalate									ND		36.8									2,700	2,700					
	Anthracene									ND		ND									2,300	31,000					
	Benzo(a)anthracene									ND		ND									1.2	3.9					
	Benzo(a)pyrene									ND		ND									0.2	0.39					
	Benzo(b)fluoranthene									0.13		ND									1.2	3.9					
	Benzo(k)fluoranthene									ND		ND									12	39					
	Benzo(g,h,i)perylene									ND		ND									None Available						
	Chrysene									ND		ND									120	390					
	Indeno(1,2,3-cd)pyrene									ND		ND									1.2	3.9					


Notes: All results in micrograms per liter (ug/l). ND = Not Detected at or above adjusted reporting limit. VOCs = Volatile Organic Compounds. SVOCs = Semi-Volatile Organic Compound
 Due to dilution, some constituent concentrations could potentially be "masked" by the higher reporting limits (i.e., constituents may be present in sample, but are not reported since their concentrations are below the elevated practical quantitation limits).
 IDEM RISC = Indiana Department of Environmental Management Risk Integrated System of Closure. * Proposed IDCL for TCE. ** Closure level for 4-Methylphenol listed. DCE = Dichloroethylene.
 Bold & yellow highlighted results indicate concentration exceeds the IDEM RISC Residential default closure level (RDCL) for ground water.
 Bold, underlined, & red highlighted results indicate concentration exceeds the IDEM RISC Industrial default closure level (IDCL) for ground water.

¹ TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics. ² TPH-ERO = Total Petroleum Hydrocarbons - Extended Range Organics. ³ Naphthalene was detected in the laboratory-provided trip blank at 5.7 ug/L. Therefore, the presence of this constituent in the sample is likely attributable to laboratory artifact.

Results listed in parentheses (##) are field duplicate (FD) results.
 EAC = Eastern Area of Concern. WAC = Western Area of Concern.



TABLE 2 - GROUND WATER ANALYTICAL RESULTS SUMMARY
GEOCEL FACILITY - 53280 MARINA DRIVE - ELKHART, INDIANA
FEBRUARY/MARCH 2007 - MONITORING WELLS
 <<DRAFT>>

		SAMPLE I.D.																															
CONSTITUENT	EMW-1	EMW-2	EMW-2d	EMW-3	EMW-4	EMW-4d	EMW-5	EMW-6	EMW-7	EMW-7d	EMW-8	MW-3S	MW-8s	MW-12	MW-13	MW-14s	MW-14d	MW-15	MW-16	MW-17s	MW-17i												
LOCATION	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	On-Site EAC	Off-Site EAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	On-Site WAC	Off-Site WAC	Off-Site WAC												
SAMPLE DATE	03/08/07	03/08/07	03/26/07	03/08/07	03/08/07	03/26/07	03/12/07	03/12/07	03/12/07	03/26/07	03/19/07	03/08/07	03/09/07	03/09/07	03/08/07	03/08/07	03/26/07	03/12/07	03/09/07	03/19/07	03/19/07	RDCLs	IDCLs										
TPHs	TPH-GRO ¹	1,500	2,000	ND	230	All ND	All ND	All ND	250	All ND	ND	All ND	92,500	All ND	19,200 (21,900)	All ND	All ND	All ND	All ND	1,700	All ND	3,500	220	3,000.0									
	TPH-ERO ²	ND	ND	ND	ND				ND		ND		ND		ND					ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOCs	Tetrachloroethylene (PERC)	5,210	3,840	ND	580	All ND	All ND	All ND	455	549	33.1	ND	All ND	340	137	33.8 (29.5)	All ND	18.3	All ND	All ND	3,240	All ND	61.5	5	55								
	Trichloroethylene (TCE)	47.1	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		ND			ND		ND	ND	ND	ND	ND	ND	ND	ND	5	7.2/31*	
	1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND				ND	ND	ND	11.9		ND	ND	ND		ND			ND		ND	ND	ND	ND	ND	ND	ND	ND	200	29,000	
	1,1-Dichloroethane	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		ND			ND		ND	ND	ND	ND	ND	ND	ND	ND	11.7	990	10,000
	1,1-DCE	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		ND			ND		ND	ND	ND	ND	ND	ND	ND	ND	7	5,100	
	cis-1,2-DCE	305	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		675			ND		87.5 (286)	326	397	2,600	70	1,000					
	trans-1,2-DCE	7.9	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		ND			ND		ND	18.4	ND	30.5	100	2,000					
	Vinyl Chloride (VC)	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		36.7			ND		51.7 (189)	167	ND	2,880	2	4					
	Ethylbenzene	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		11,000			ND		1,180 (1,840)	ND	53	1,040	700	10,000					
	Toluene	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		124			ND		ND (14.6)	ND	ND	6.2	1,000	8,200					
	Xylenes (Total)	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		41,900			ND		4,130 (6,210)	ND	81.6	1,530	10,000	20,000					
	1,2,4-Trimethylbenzene	ND	ND	7.6	ND				ND	ND	ND	ND		ND	ND	ND		2,580			ND		13.3 (43)	ND	38.8	70.6	16	5,100					
	1,3,5-Trimethylbenzene	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		1,050			ND		ND (10.8)	ND	ND	15.1	16	5,100					
	sec-Butylbenzene	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		23.1			ND		ND	ND	ND	ND	None Available						
	Isopropylbenzene	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		383			ND		8.2 (28.3)	ND	ND	33.3	830	10,000					
	p-Isopropyltoluene	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		11.7			ND		ND	ND	ND	ND	None Available						
	n-Propylbenzene	ND	ND	ND	ND				ND	ND	ND	ND		ND	ND	ND		627			ND		ND	ND	ND	ND	9.0	310	4,100				
	Naphthalene	10.1	ND	29.6	ND				ND	ND	ND	ND		ND	ND	ND		6.9			ND		7.6 (ND)	ND	ND	ND	ND	8.3	2,000				
	Naphthalene	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	ND	All ND	7.0	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	All ND	8.3	2,000										
	Butylbenzylphthalate									ND		36.8										2,700	2,700										
	Anthracene									ND		ND										2,300	31,000										
	Benzo(a)anthracene									ND		ND										1.2	3.9										
	Benzo(a)pyrene									ND		ND										0.2	0.39										
	Benzo(b)fluoranthene									0.13		ND										1.2	3.9										
	Benzo(k)fluoranthene									ND		ND										12	39										
	Benzo(g,h,i)perylene									ND		ND										None Available											
	Chrysene									ND		ND										120	390										
	Indeno(1,2,3-cd)pyrene									ND		ND										1.2	3.9										

Notes: All results in micrograms per liter (ug/l). ND = Not Detected at or above adjusted reporting limit. VOCs = Volatile Organic Compounds. SVOCs = Semi-Volatile Organic Compound
 Due to dilution, some constituent concentrations could potentially be "masked" by the higher reporting limits (i.e., constituents may be present in sample, but are not reported since their concentrations are below the elevated practical quantitation limits).

IDEM RISC = Indiana Department of Environmental Management Risk Integrated System of Closure. * Proposed IDCL for TCE. ** Closure level for 4-Methylphenol listed. DCE = Dichloroethylene.

Bold & yellow highlighted results indicate concentration exceeds the IDEM RISC Residential default closure level (RDCL) for ground water.

Bold, underlined, & red highlighted results indicate concentration exceeds the IDEM RISC Industrial default closure level (IDCL) for ground water.

¹ TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics. ² TPH-ERO = Total Petroleum Hydrocarbons - Extended Range Organics. ³ Naphthalene was detected in the laboratory-provided trip blank at 5.7 ug/L. Therefore, the presence of this constituent in the sample is likely attributable to laboratory artifact.

Results listed in parentheses (##) are field duplicate (FD) results.

EAC = Eastern Area of Concern. WAC = Western Area of Concern.

R.E.S.
 ROBERTS ENVIRONMENTAL SERVICES, LLC

TABLE 4 - GROUND WATER ANALYTICAL RESULTS SUMMARY
GEOCEL FACILITY - 53280 MARINA DRIVE - ELKHART, INDIANA
APRIL 2007 - MONITORING WELLS
<<DRAFT>>

CONSTITUENT		SAMPLE I.D.																				IDEM				
		EMW-4D47	EMW-4D61	EMW-8i	EMW-8D45	EMW-9i	EMW-9D46	MW-4D47	MW-4D61	MW-17D43	MW-18i	MW-18D59	MW-19i	MW-19D48	MW-19D59	MW-20i	MW-20D46	MW-21i	MW-21D41	MW-22i	MW-23i			MW-23D46	MW-24i	
		On-Site EAC	On-Site EAC	Off-Site EAC	Off-Site EAC	Off-Site EAC	Off-Site EAC	On-Site WAC	On-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC	Off-Site WAC			Off-Site WAC	Off-Site WAC	
LOCATION		04/16/07	04/16/07	04/16/07	04/16/07	04/17/07	04/17/07	04/16/07	04/16/07	04/16/07	04/16/07	04/16/07	04/17/07	04/17/07	04/17/07	04/17/07	04/16/07	04/16/07	04/17/07	04/17/07	04/17/07	04/17/07	04/17/07	04/17/07	RDCLs	IDCLs
SAMPLE DATE		04/16/07	04/16/07	04/16/07	04/16/07	04/17/07	04/17/07	04/16/07	04/16/07	04/16/07	04/16/07	04/16/07	04/17/07	04/17/07	04/17/07	04/17/07	04/16/07	04/16/07	04/17/07	04/17/07	04/17/07	04/17/07	04/17/07	04/17/07	RDCLs	IDCLs
TPHs	TPH-GRO ¹	All ND	All ND	All ND	All ND	220	ND	All ND	All ND	All ND	1,600	All ND	230 (290)	ND	ND	All ND	All ND	210	ND	ND	ND	ND	1,100	220	3,000.0	
	TPH-ERO ²					----	----				----		----	----	----			----	----	----	----	----	----	100	1,100.0	
VOCs	Tetrachloroethylene (PERC)			29.6		ND		ND		67.8	288 (295)		340 (284)			12.4		ND				ND	548	5	55	
	Trichloroethylene (TCE)			ND		ND		20.6		101	60.4 (30.6)		117 (109)			10.8		13.1				13.4	92.5	5	7.2/31*	
	1,1-DCE			ND		ND		ND		ND	10.2		ND			ND		ND				ND	ND	7	5,100	
	cis-1,2-DCE			ND		ND		26.4		16.4	2,530 (2,640)		95 (97.2)			ND		52.8				ND	3,160	70	1,000	
	trans-1,2-DCE			ND		ND		ND		ND	32.9 (13)		ND			ND		ND				ND	22	100	2,000	
	Vinyl Chloride (VC)			ND		ND		ND		ND	742 (794)		5.1 (7.9)			ND		ND				ND	591	2	4	
	1,1,1-Trichloroethane (TCA)			9.9		15.3		ND		ND	ND		ND			ND		ND				ND	7.1	200	29,000	
	1,1-Dichloroethane			ND		ND		ND		ND	6.1		ND			ND		ND				ND	6.8	990	10,000	
	Chloroethane	All ND	All ND	ND	All ND	ND	All ND	ND	All ND	ND	9.7	All ND	ND	All ND	All ND	ND	All ND	ND	All ND	All ND	All ND	ND	12.4	62	990	
	Ethylbenzene			ND		ND		ND		6.0	ND		ND			ND		ND				ND	ND	700	10,000	
	Toluene			ND		ND		ND		ND	ND		ND			ND		ND				ND	ND	1,000	8,200	
	Xylenes (Total)			ND		ND		ND		ND	ND		ND			ND		ND				ND	ND	10,000	20,000	
	1,2,4-Trimethylbenzene			ND		ND		ND		ND	ND		ND			ND		ND				ND	ND	16	5,100	
	1,3,5-Trimethylbenzene			ND		ND		ND		ND	ND		ND			ND		ND				ND	ND	16	5,100	
	Isopropylbenzene			ND		ND		ND		ND	ND		ND			ND		ND				ND	ND	830	10,000	
n-Propylbenzene			ND		ND		ND		ND	ND		ND			ND		ND				ND	ND	310	4,100		
Naphthalene			ND		ND		ND		ND	ND		ND (28)			ND		ND				ND	ND	8.3	2,000		
SVOCs	Benzo(a)anthracene															0.16								1.2	3.9	
	Benzo(a)pyrene	All ND	All ND	All ND	All ND			All ND	All ND	All ND		All ND				All ND	0.14							0.2	0.39	
	Benzo(b)fluoranthene																0.22							1.2	3.9	
	Benzo(g,h,i)perylene																0.11							None Available		

Notes: All results in micrograms per liter (ug/l). ND = Not Detected at or above adjusted reporting limit. VOCs = Volatile Organic Compounds. SVOCs = Semi-Volatile Organic Compounds.
 Due to dilution, some constituent concentrations could potentially be "masked" by the higher reporting limits (i.e., constituents may be present in sample, but are not reported since their concentrations are below the elevated practical quantitation limits).

IDEM RISC = Indiana Department of Environmental Management Risk Integrated System of Closure. * Proposed IDCL for TCE used. DCE = Dichloroethylene.

Bold & yellow highlighted results indicate concentration exceeds the IDEM RISC residential default closure level (RDCL) for ground water.

Bold, underlined, & red highlighted results indicate concentration exceeds the IDEM RISC industrial default closure level (IDCL) for ground water.

¹ TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics. ² TPH-ERO = Total Petroleum Hydrocarbons - Extended Range Organics.

Results listed in parentheses (##) are field duplicate (FD) results.

EAC = Eastern Area of Concern. WAC = Western Area of Concern.

Note that the deep sonic-drilled wells (EMW-4D61, MW-4D61, MW-18D59, & MW-19D59) utilized several hundred gallons of fresh water during installation in order to control heaving sands.

Although these monitoring wells were developed after installation and allowed to equilibrate for approximately 3 to 4 days prior to sampling,

the possibility exists that the ground water at these sonic-drilled locations was diluted.

----- = Sample not Analyzed for these constituent(s).

R.E.S.
 ROBERTS ENVIRONMENTAL SERVICES, LLC

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****DRAFT** LABORATORY RESULTS SUMMARY TABLE**
CMT SYSTEMS & SOUTHERN MONITORING WELLS
GEOCEL CORPORATION - MAY 21, 2007

060

		VOCs										
SAMPLE I.D.	SCREENED INTERVAL (ft)	PERC (Tetrachloroethylene)	TCE (Trichloroethylene)	cis-1,2 DCE	trans-1,2 DCE	Vinyl Chloride	Chloroethane	1,1,1- TCA	1,1- DCA	Naphthalene	1,2,4-TMB	1,3,5-TMB
WAC CMT System	WCMT-1 (76)	74-76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	WCMT-2 (87)	85-87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	WCMT-3 (98)	96-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	WCMT-4 (109)	107-109	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	WCMT-5 (120)	118-120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	WCMT-6 (131)	129-131	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	WCMT-7 (142)	140-142	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EAC CMT System	ECMT-1 (77)	75-77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ECMT-2 (88)	86-88	ND	ND	ND	ND	ND	ND	ND	8.1	ND	ND
	ECMT-3 (99)	97-99	ND	ND	ND	ND	ND	ND	ND	36.3	17.6	6.9
	ECMT-4 (110)	108-110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ECMT-5 (121)	119-121	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ECMT-6 (132)	130-132	ND	ND	ND	ND	ND	ND	ND	21.7	ND	ND
	ECMT-7 (143)	141-143	ND	ND	ND	ND	ND	ND	ND	17.7	ND	ND
Southern Wells	MW-25i	18-23	70.1 (73.1)	70.4 (72.8)	64.9 (67.6)	ND	ND	ND	16.1 (16.2)	ND	ND	ND
	MW-25D46	41-46	ND	ND	6.3	ND	ND	ND	ND	ND	ND	ND
	MW-26i	21-26	193	108	1,030	30.5	38.4	8.2	35.7	10.2	ND	ND
	MW-26D45	40-45	10.5	84.1	212	ND	12.3	ND	ND	ND	ND	ND
	MW-27i	20-25	8.6	13.5	1,130	35.9	13.7	ND	10.4	ND	ND	ND
	MW-27D45	40-45	21.2	71.8	76.1	ND	2.3	ND	ND	ND	ND	ND
	MW-28i	20-25	ND	17.5	ND	ND	ND	ND	ND	ND	ND	ND
IDEM	RDCL	5.0	5.0	70	100	2.0	62	200	990	8.3	16	16
	IDCL	55	31*	1,000	2,000	4.0	990	29,000	10,000	2,000	5,100	5,100

Notes: All results in micrograms per liter (ug/l). ND = Not Detected at or above adjusted reporting limit. CMT = Solinst Continuous Multilevel Tubing System.

VOCs = Volatile Organic Compounds. DCE = Dichloroethylene. TMB = Trimethylbenzene. TCA = Trichloroethane. DCA = Dichloroethane.

Bold & yellow highlighted results indicate concentration exceeds the IDEM RISC residential default closure level (RDCL) for ground water.

Bold, underlined, & red highlighted results indicate concentration exceeds the IDEM RISC industrial default closure level (IDCL) for ground water.

Results listed in parentheses (##) are field duplicate (FD) results. *Proposed IDCL for TCE.

WAC = Western Area of Concern. EAC = Eastern Area of Concern.



GEOCEL HOLDINGS CORPORATION
VRP APPLICATION
ATTACHMENT B

- Legal Description of Site

LEGAL DESCRIPTION

LOT NUMBERED A-THIRTY-ONE (A31) AS THE SAID LOT IS KNOWN AND DESIGNATED ON THE RECORDED PLAT OF NORTHLAND PARK SECOND SECTION, A SUBDIVISION IN OSOLO TOWNSHIP; SAID PLAT BEING RECORDED IN PLAT BOOK 13, PAGE 62 IN THE OFFICE OF THE RECORDER IN ELKHART COUNTY, INDIANA.

PART OF THE NORTHEAST $\frac{1}{4}$ OF SECTION 26, TOWNSHIP 38 NORTH, RANGE 5 EAST, OSOLO TOWNSHIP, ELKHART COUNTY, INDIANA, ENCOMPASSING APPROXIMATELY 4.78 ACRES.

PARCEL NO. 20-02-26-251-001.000-026

GEOCEL HOLDINGS CORPORATION
VRP APPLICATION
ATTACHMENT C

- Site UTM Coordinates from Aerial Photograph Interpolation
Indiana GIS Atlas Website – Indiana Geological Survey (IGS)
(http://129.79.145.7/arcims/statewide_mxd/index.html)
(UTM Zone 16 Meters - NAD83)

Center of Site:
590,170 East 4,619,228 North

Property Access Point (driveway/gate southwestern portion of site off of Marina Dr.):
590,084 East 4,619,197 North

WEBB, COREY

From: David D. Jeffers, L.P.G. [djeffers@robertsenvserv.com]
Sent: Tuesday, October 23, 2007 10:36 AM
To: WEBB, COREY; jroberts@robertsenvserv.com
Subject: RE: soil boring / MW location map
Attachments: Geocel - South CR 106 Proposed Wells(as of 10-23-07).pdf; Geocel - North CR 106 Proposed Wells(as of 10-23-07).pdf

Corey,

Attached are 2 maps showing proposed/finished well locations north and south of CR 106. Lane Street is visible on Figure 2 (I highlighted "Lane St"). Well locations with callouts in yellow that identify well numbers have been installed already. We plan on installing some more this week also (probably the location on Kershner across from Rye Ct. and the location on Thistle Ct.). Locations MW-34 through MW-38 are being developed today and will likely be sampled Friday/Monday. Well numbers with an "s" indicate a shallow well that straddles the water table (generally screen set from 3' to 13'), well numbers with an "i" indicate an intermediate depth well (set with 5.0-ft of screen somewhere in the 25 to 29 foot total depth range), and wells with a "D##" indicate deeper wells and the "##" indicates total depth (5.0-ft screen).

Let me know if you or the Geologist have any questions.

Thanks,

Dave

David D. Jeffers, L.P.G.
ROBERTS ENVIRONMENTAL SERVICES, LLC
 2112 Carmen Court
 Goshen, Indiana 46526
 Ph: (574) 537-0881
 Fax: (574) 537-9021
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 Visit Our Website at: www.robertsenvserv.com
 or www.Phase-1-ESA.com

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From: WEBB, COREY [mailto:CWEBB@idem.IN.gov]
Sent: Monday, October 22, 2007 11:14 AM
To: David D. Jeffers, L.P.G.; jroberts@robertsenvserv.com
Subject: soil boring / MW location map

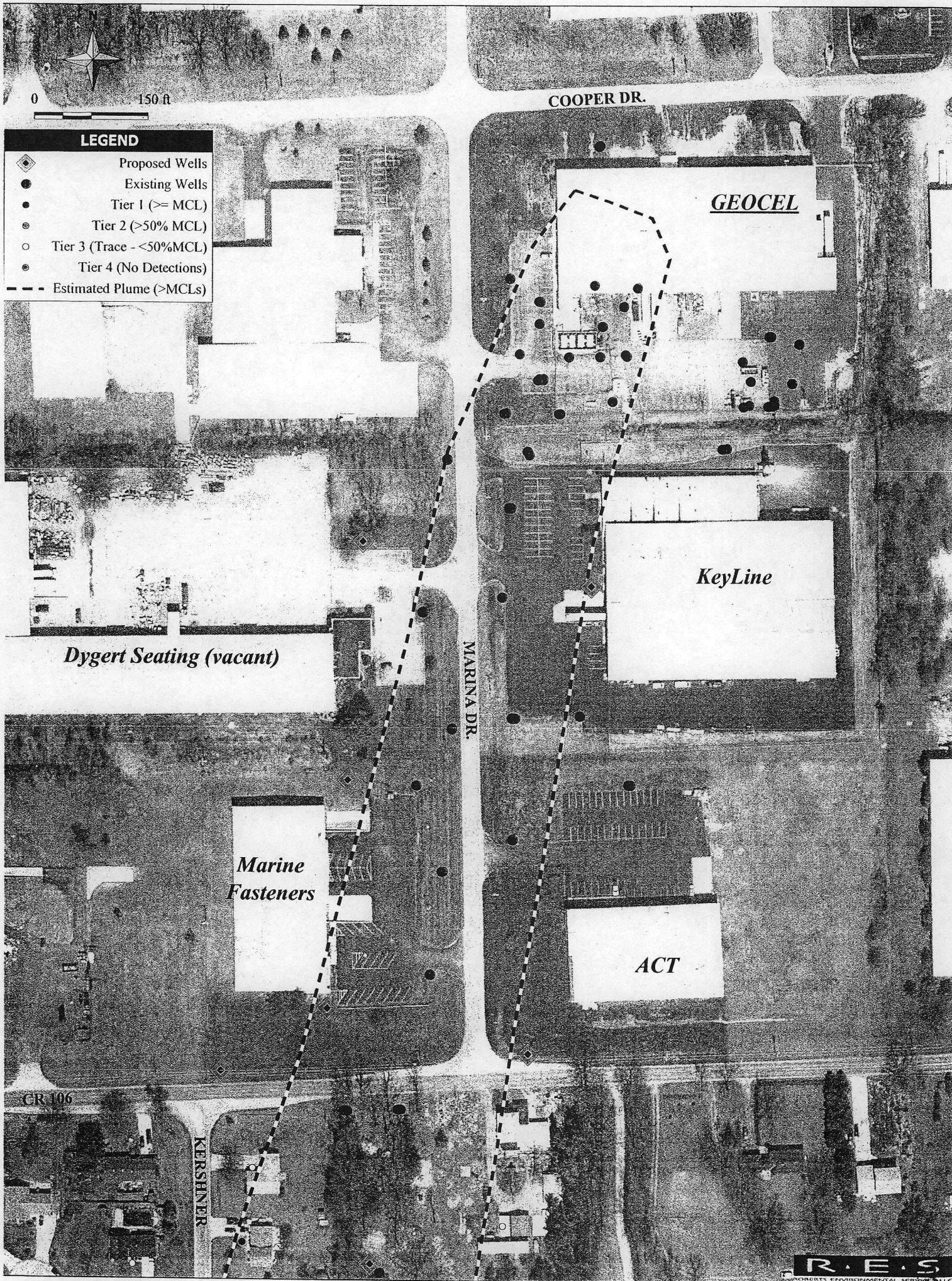
Gentlemen –

I'm working on the letters to send to the residents right now (conveying the recent vapor results and IDEM's recommendations). When I get them done, I'll send to you for any comments before mailing.

In the meantime, can you please send me a map (if you have one) of the locations of the new soil borings and monitoring wells that you are installing along the western edge of the plume? This will aid Geology in evaluation of boring / MW location for the Lane Street investigation (the same Geologist is assigned to this site and the Lane Street Site). Thanks.

10/23/2007

064



LEGEND

- ◆ Proposed Wells
- Existing Wells
- Tier 1 (\geq MCL)
- Tier 2 ($>50\%$ MCL)
- Tier 3 (Trace - $<50\%$ MCL)
- Tier 4 (No Detections)
- - - Estimated Plume ($>$ MCLs)

GEOCEL

KeyLine

Dygart Seating (vacant)

***Marine
Fasteners***

ACT

COOPER DR.

MARINA DR.

CR 106

KERSHNER





Workplace Safety & Health Co., Inc.

INDOOR AIR BUILDING SURVEY CHECKLIST

Preparer's Name: _____ Date: _____

Preparer's Affiliation: _____ Phone #: _____

Site Name: _____ Site #: _____

Site Address (include city and zip): _____

Part I – Occupants

List of Current Occupants/Occupation (include children)

Name (Age)	Address (Lot # or apt.#)	Sex (M/F)	Occupation

Part II - Building Characteristics

Building Type: residential / multi-family residential / office / strip mall / commercial / industrial / other

Building Description: _____ Year Constructed: _____

Sensitive population: day care / nursing home / hospital / school / other (specify) : _____

Number of floors at or above grade: _____

Number of floors below grade: _____ (full basement / crawl space / slab on grade)

Depth of basement below grade surface: _____ ft. Basement size: _____ ft.²

Basement Floor Construction: concrete / dirt / slab / stone / other (specify): _____

Foundation Walls: poured concrete / cinder blocks / stone / other (specify): _____

Basement sump present? *Yes / No* Sump Pump? *Yes / No* Water in sump? *Yes / No*

Significant cracks present in basement floor? *Yes / No*

Significant cracks present in basement walls? *Yes / No*

Are the basement walls or floor sealed with waterproof paint or epoxy coatings? *Yes / No*

Is there a whole house fan? *Yes / No*

Septic system? *Yes / Yes (but not used) / No*

Irrigation/ private well? *Yes / Yes (but not used) / No*

Type of ground cover outside of building: grass / concrete / asphalt / other (specify): _____

Sub-slab vapor/moisture barrier in place? *Yes / No / Don't know*

Type of barrier: _____

Type of heating system (circle all that apply):

hot air circulation hot air radiation wood steam radiation
heat pump hot water radiation kerosene heater electric baseboard
other (specify): _____

Type of ventilation system (circle all that apply):

Central air conditioning mechanical fans bathroom ventilation fans
individual air conditioning units kitchen range hood fans outside air intake
other (specify): _____

Type of fuel utilized (circle all that apply):

natural gas / electric / fuel oil / wood / coal / solar / kerosene / other (specify)

Part III – Outside Contaminant Sources

Contaminated site within 50-ft (BTEX) or 100-ft (Chlorinated)

If yes: Site Name: _____ Site Number: _____

Other stationary sources nearby (gas stations, emission stacks, etc): _____

Heavy vehicular traffic nearby (or other mobile sources): _____

Part IV – Indoor Contaminant Sources

Identify all potential indoor sources found in the building (including attached garages), the location of the source (floor & room), and whether the item was removed from the building 48 hours prior to the indoor sampling event. Any ventilation implemented after removal of the items should be completed at least 24 hours prior to the start of the indoor air sampling event.

Potential Sources	Location (s)	Removed (Yes / NO / NA)
Gasoline storage cans		
Gasoline powered equipment		
Kerosene storage cans		
Paints / thinners/ strippers		
Cleaning solvents		
Oven cleaners		
Carpet/ upholstery cleaners		
Other house cleaning products		
Moth balls		
Polishes / waxes		
Insecticides		
Furniture/ floor remover		
Nail polish/ polish remover		
Hairspray		
Cologne / perfume		
Air Fresheners		
Fuel Tank (inside building)		
Wood stove or fireplace		
New Furniture / upholstery		
New carpeting / flooring		
Hobbies – glues, paints, lacquers, photographic dark room chemicals, etc.		
Scented trees, wreaths, potpourri, etc.		
Other (specify):		

Part V – Miscellaneous Items

Do any occupants of the building smoke? *Yes / No* How Often? _____

Last time someone smoked in the building? _____ hours / days ago

Does the building have an attached garage directly connected to the living space? *Yes / No*

If so, is a car usually parked in the garage? *Yes / No*

Are gas-powered equipment or cans of gasoline/fuels stored in the garage? *Yes / No*

Do the occupants of the building have their cloths dry cleaned? *Yes / No*

If yes, how often? *Weekly / monthly / 3-4 times a year*

When was the last dry cleaned garment brought home? _____

Do any occupants use solvents at work? *Yes / No*

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? *Yes / No*

Have any pesticides/herbicides been applied around the building or in the yard? *Yes / No*

If so, when and which chemicals? _____

Has there ever been a fire in the building? *Yes / No* If yes, when? _____

Has painting or staining been done in the building in the last 6 months? *Yes / No*

If yes. When? _____ and where? _____

Part VI – Sampling Information

Company/ Consultant: _____ Phone number: () _____ - _____

Sample Source: Indoor Air / Sub Slab / Near Slab Soil Gas / Exterior Soil Gas

Sampler Type: 400 mL – 1.0 L Summa Canister / 6 L Summa Canister / Other (specify): _____

Analytical Method: TO- 14A / TO – 15 / TO – 15 SIM / other: _____

Laboratory: _____

Sample Locations (floor, room):

Field Sample ID # _____ Field Sample ID # _____

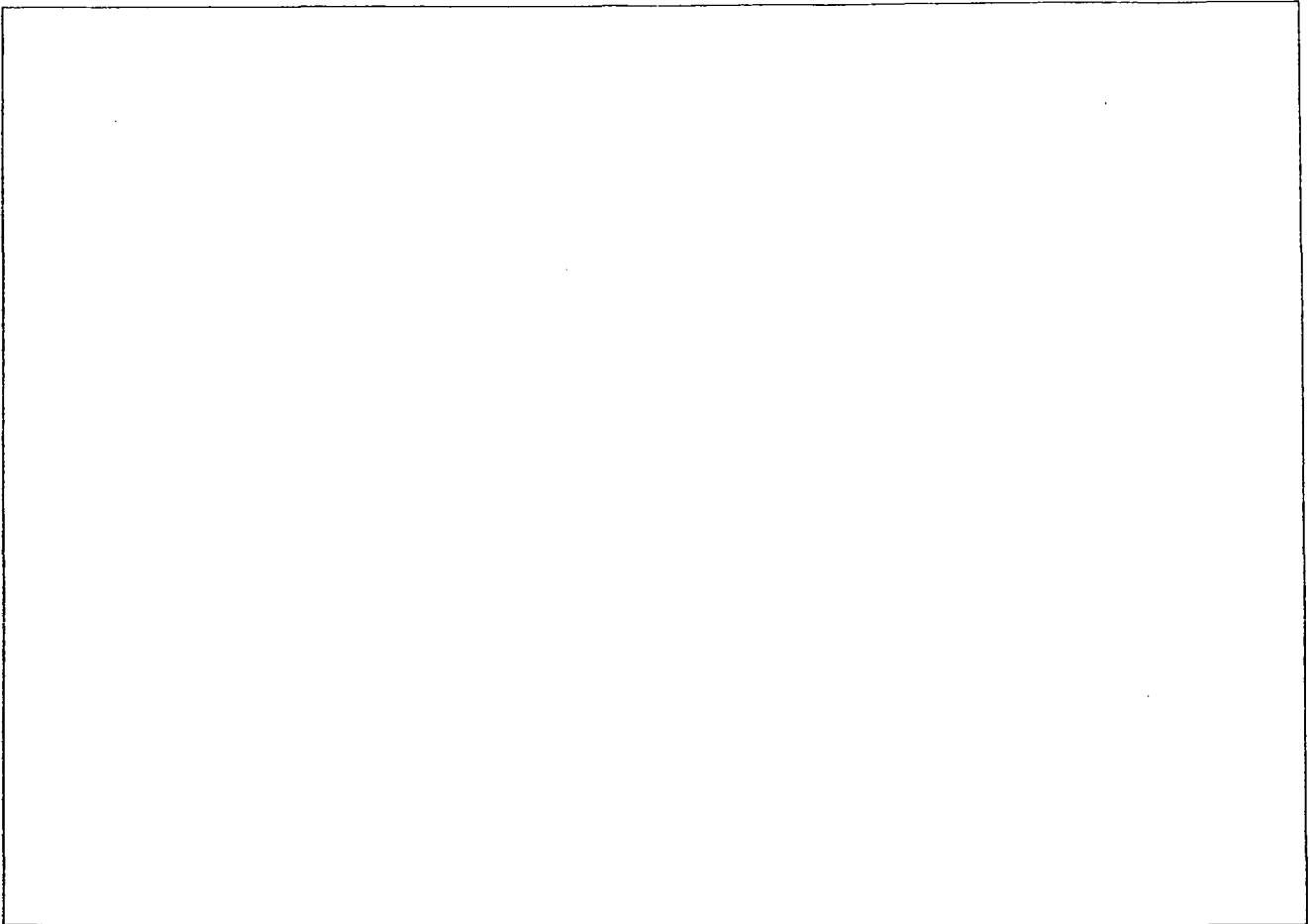
Field Sample ID # _____ Field Sample ID # _____

Field Sample ID # _____ Field Sample ID # _____

Were “Instructions for Occupants” followed? *Yes / No*

If not, describe modifications: _____

Provide Drawing of Sample Location(s) in Building



Part VII – Metrological Conditions

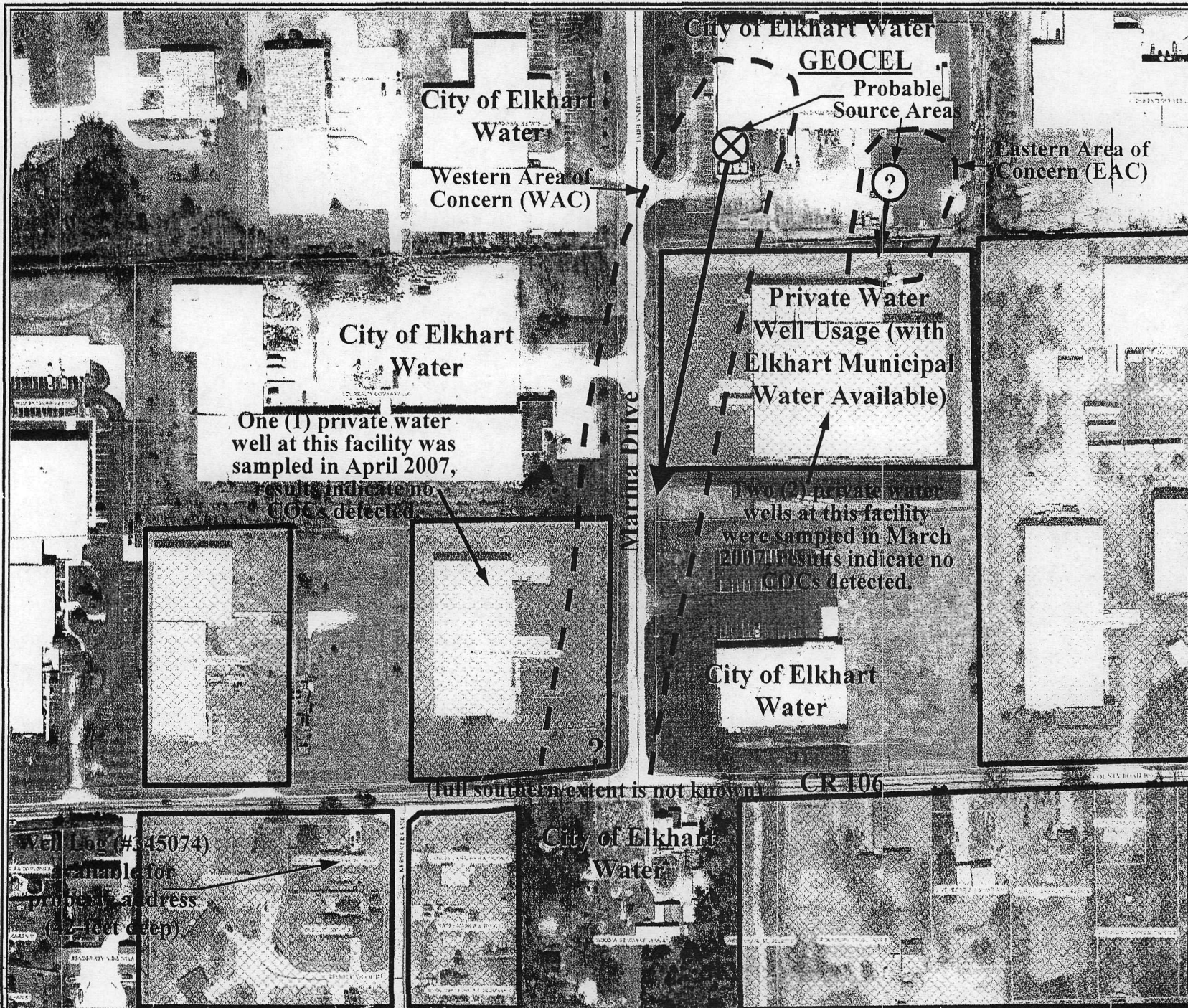
Was there significant precipitation within 12 hours prior to (or during) the sampling event?

Yes / No

Describe the general weather conditions: _____

Part VIII – General Observations

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process.



Notes:

Yellow shaded/red hatched parcels are likely serviced by private water wells. According to IDNR well logs, majority of wells in area are 30 to 50 feet deep with no confining layer.

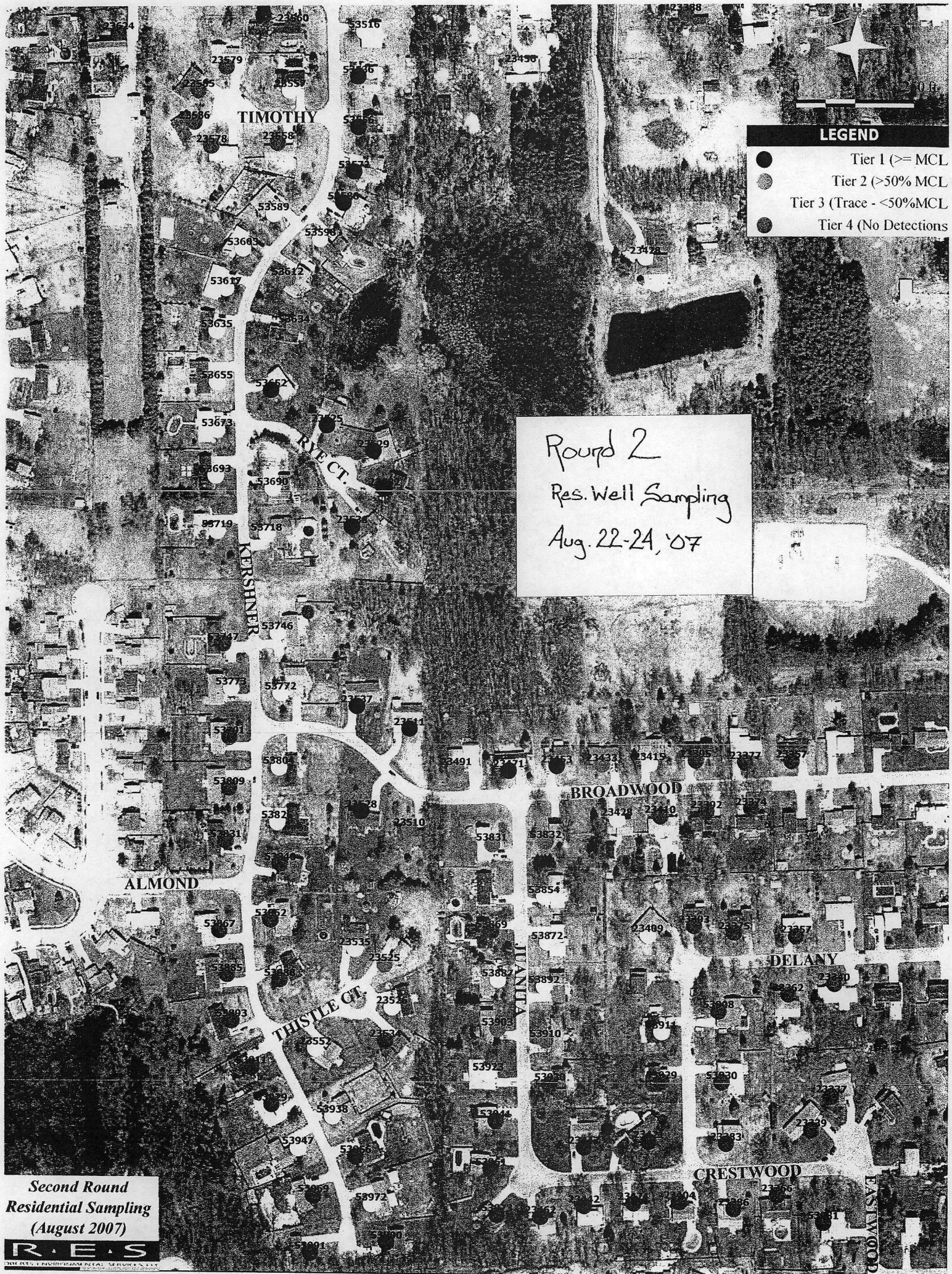
Properties labeled as "City of Elkhart Water" have an active account with the City of Elkhart Water Department (note that these properties may also have water wells for irrigation). Based on City of Elkhart Water department information as of 1/31/2007.

Contaminant plumes (shown with blue dashed lines) are approximate only and have not been fully delineated.

Local Drinking Water Supplies

Aerial Photograph Date: 2005 (Not to Scale)

R.E.S.
ROBERTS ENVIRONMENTAL SERVICES, LLC



LEGEND

- Tier 1 (\geq MCL)
- Tier 2 ($>50\%$ MCL)
- Tier 3 (Trace - $<50\%$ MCL)
- Tier 4 (No Detections)

Round 2
Res. Well Sampling
Aug. 22-24, '07

Second Round
Residential Sampling
(August 2007)

RES
THE RESIDENTIAL ENVIRONMENTAL SERVICES, LLC

****CONFIDENTIAL** MEADOW FARMS STATUS TABLE (Through 9-10-07)**

#	Addr.	Street	Name	Phone	Sample Date(1)	Bottled Water	Filter	Contaminants (1st Round)	Sample Date(2)	Contaminants (2nd Round)	Δ	MCL	Well Log#	Tier
1	23357	Broadwood Dr.	Danny & Pam Kemper		3-Jul	YES	NO	NO	23-Aug	NO	=	NO		4
2	23374	Broadwood Dr.	Steve & Joann Acord	264-6836	3-Jul	YES	NO	NO	23-Aug	NO	=	NO		4
3	23377	Broadwood Dr.	Christina Hoelyfield	596-7923	3-Jul	YES	NO	NO	23-Aug	NO	=	NO		4
4	23392	Broadwood Dr.	Angela Wills	264-3041 (c:849-6029)	3-Jul	YES	NO	NO	23-Aug	NO	=	NO		4
5	23395	Broadwood Dr.	Lori Loucks	266-0116 (c:220-3117)	3-Jul	YES	NO	NO	23-Aug	NO	=	NO		4
6	23410	Broadwood Dr.	John Tisdell	320-1712	27-Jun	YES	NO	NO	23-Aug	NO	=	NO		4
7	23415	Broadwood Dr.	Tim Keenoy	262-1620 (c:596-7154)	27-Jun	YES	NO	VC=0.4	23-Aug	VC=0.4	=	NO		3
8	23428	Broadwood Dr.	Patrick Glynn	266-1806 (c:706-1364)	27-Jun	YES	NO	VC=0.4	23-Aug	VC=0.3	<	NO		3
9	23433	Broadwood Dr.	Matt Norman	226-8589	27-Jun	YES	NO	VC=0.7	23-Aug	VC=1.0	>	NO		2
10	23453	Broadwood Dr.	M. Schafer	264-7281	25-Jun	YES	YES	VC=2.3	----	----		YES		1
11	23471	Broadwood Dr.	Elizabeth Sanford	262-2093 (c:215-8124)	22-Jun	YES	YES	VC=2.5	----	----		YES		1
12	23491	Broadwood Dr.	Gilford Cook	262-9090	20-Jun	YES	YES	VC=1.8	----	----		NO		2
13	23510	Broadwood Dr.	Dave & Lynn Rorke	266-4496 (w:848-0344)	22-Jun	YES	NO	NO	22-Aug	VC=1.1	>	NO		2
14	23511	Broadwood Dr.	Sam & Redus Voss	266-1014	22-Jun	YES	YES	VC=4.0	----	----		YES	35602	1
15	23528	Broadwood Dr.	Kelley Schweinzger	215-6633	22-Jun	YES	YES	VC=2.2	----	----		YES	355827	1
16	23537	Broadwood Dr.	Todd Fitzgerald (Jeff Gurney)	361-5698 (261-5802 Jeff)	21-Jun	YES	YES	VC=2.4	----	----		YES		1
17	23388	CR 106	Ellen Ridenour	266-5547	21-Jun	YES	NO	NO	24-Aug	NO	=	NO		4
18	23428	CR 106	Karl Weber	264-0547	25-Jun	YES	NO	1,1-DCA=2.4	24-Aug	1,1-DCA=2.5	>	NO		3
19	23456	CR 106	Wayne Woodiwiss	264-1388	20-Jun	YES	NO	DCA=2.5, TCA=10	24-Aug	DCA=2.0, TCA=12	<	NO		3
20	23560	CR 106	Jan Buchta	262-9140	14-Jun	YES	NO	NO	22-Aug	NO	=	NO	345074	4
21	23624	CR 106	Kevin Bender	264-7462	27-Jun	YES	NO	NO	22-Aug	NO	=	NO		4
22	23337	Crestwood Dr.	Susan Edmundson	264-1274	3-Jul	YES	NO	NO	24-Aug	NO	=	NO		4
23	23339	Crestwood Dr.	Misty Converse	262-3311	3-Jul	YES	NO	NO	24-Aug	NO	=	NO		4
24	23366	Crestwood Dr.	David Barnes	266-6679	3-Jul	YES	NO	NO	24-Aug	NO	=	NO		4
25	23383	Crestwood Dr.	Daniel & Michelle Stegman	262-3440	28-Jun	YES	NO	NO	24-Aug	NO	=	NO		4
26	23386	Crestwood Dr.	Brandon Hutchens		28-Jun	YES	NO	NO	24-Aug	NO	=	NO	47542	4
27	23404	Crestwood Dr.	Shawn & Kymber Reese	266-9848	28-Jun	YES	NO	NO	24-Aug	NO	=	NO	132636	4
28	23421	Crestwood Dr.	David & Susan Coyle		28-Jun	YES	NO	VC=0.2	23-Aug	NO	<	NO		4
29	23424	Crestwood Dr.	Eric & Carrie Sommer		28-Jun	YES	NO	NO	23-Aug	NO	=	NO		4
30	23442	Crestwood Dr.	Avis Williams	264-2771	27-Jun	YES	NO	NO	23-Aug	NO	=	NO		4
31	23447	Crestwood Dr.	Lynnette Wishart	266-4055	27-Jun	Picked	NO	NO	23-Aug	NO	=	NO		4
32	23462	Crestwood Dr.	Russell & Jamie Wild	262-1542	27-Jun	YES	NO	NO	23-Aug	NO	=	NO		4
33	23340	Delany Ln.	William Whalen	262-2589	3-Jul	Picked	NO	NO	24-Aug	NO	=	NO		4
34	23357	Delany Ln.	Arthur & Evelyn Smoot	264-9111	3-Jul	Picked	NO	NO	24-Aug	NO	=	NO		4
35	23362	Delany Ln.	Carol & Patrick Breen	370-2397	3-Jul	YES	NO	NO	24-Aug	NO	=	NO		4
36	23375	Delany Ln.	Jeff & Rita Evans		3-Jul	YES	NO	NO	24-Aug	NO	=	NO		4
37	23393	Delany Ln.	Blanca Avellano	262-8075	28-Jun	YES	NO	NO	24-Aug	NO	=	NO	281964	4
38	23409	Delany Ln.	Lawrence & Debra Black	262-2894	28-Jun	YES	NO	VC=0.6	24-Aug	VC=0.5	<	NO		3
39	53908	Delany Ln.	Colleen Crawford	266-1755 (c:607-8782)	28-Jun	Picked	NO	NO	24-Aug	NO	=	NO		4
40	53911	Delany Ln.	Scott Tibbetts	360-7877	28-Jun	YES	NO	VC=0.5	24-Aug	VC=0.5	=	NO	375735	3
41	53929	Delany Ln.	Kent & Lynn Sayre		28-Jun	YES	NO	NO	24-Aug	NO	=	NO		4
42	53930	Delany Ln.	Charles Smith	262-9076	28-Jun	NO	NO	VC=0.2	24-Aug	NO	<	NO	47541	4
43	53981	Eastwood Dr.	Jeffrey & Karen Walton	266-1173	3-Jul	YES	NO	NO	24-Aug	NO	=	NO		4
44	53831	Juanita Dr.	Dave & Pam Brock	523-2216 (c:596-1643)	21-Jun	YES	YES	VC=1.1	----	----		NO		2
45	53832	Juanita Dr.	Joe Bernabe	333-2620 (c:264-4799)	25-Jun	YES	YES	VC=1.3	----	----		NO		2
46	53854	Juanita Dr.	Lori Ravenscroft	264-4881 (c:361-4797)	25-Jun	YES	NO	VC=0.7	23-Aug	VC=0.6	<	NO		3
47	53869	Juanita Dr.	Eileen Yoder	262-2729	25-Jun	YES	NO	NO	23-Aug	NO	=	NO	274590	4
48	53872	Juanita Dr.	Alma Mercado	262-3287	25-Jun	YES	NO	VC=0.8	23-Aug	VC=0.8	=	NO		3
49	53887	Juanita Dr.	Shannon Stopenbach	214-2681	25-Jun	YES	NO	VC=0.7	23-Aug	VC=0.5	<	NO		3
50	53892	Juanita Dr.	Tasha Pitts	206-1583	27-Jun	YES	NO	VC=0.7	23-Aug	VC=0.7	=	NO		3
51	53903	Juanita Dr.	James & Nancy Morningstar	262-3758	25-Jun	YES	YES	VC=1.0	----	----		NO	316262	2
52	53910	Juanita Dr.	Matt Stuckey	517-914-3462	25-Jun	YES	YES	VC=1.1	----	----		NO		2

****CONFIDENTIAL** MEADOW FARMS STATUS TABLE (Through 9-10-07)**

#	Addr.	Street	Name	Phone	Sample Date(1)	Bottled Water	Filter	Contaminants (1st Round)	Sample Date(2)	Contaminants (2nd Round)	Δ	MCL	Well Log #	Tier
104	23538	Rye Ct.	Roger Troyer (Realtor)	361-0503	19-Jul	NO	NO	VC=1.0; cis-DCE=0.7	-----	-----		YES		1.
105	23525	Thistle Ct.	Sharie & Mark Wilkey	262-8613	25-Jun	YES	YES	VC=1.1	-----	-----		NO		2
106	23526	Thistle Ct.	Ken & Mary Shelt	266-6687	25-Jun	NO	NO	VC=0.5	23-Aug	cis-DCE=1.2, VC=0.4	><	NO		3
107	23534	Thistle Ct.	Mike Marty	264-4792	25-Jun	YES	NO	NO	23-Aug	NO	=	NO	278246	4
108	23535	Thistle Ct.	Clara Latham	262-4208 (c:596-4869)	25-Jun	YES	NO	NO	23-Aug	VC=0.3	>	NO		3
109	23552	Thistle Ct.	Nira Wright	262-2033	25-Jun	YES	NO	VC=0.4	23-Aug	VC=0.3	<	NO	47521	3
110	23557	Timothy Ct.	Tim O'Neill	215-3989	14-Jun	YES	NO	cis-DCE=0.9	22-Aug	cis-DCE=0.6	<	NO		3
111	23558	Timothy Ct.	Ernie & Rhonda Attkisson	262-3329 (c:206-6375)	20-Jun	YES	NO	NO	22-Aug	NO	=	NO	14521	4
112	23578	Timothy Ct.	Sam & Ellen Dickey	264-1881 (c:206-6277)	21-Jun	YES	NO	NO	22-Aug	NO	=	NO		4
113	23579	Timothy Ct.	Bobbi McClain	320-4830	27-Jun	YES	NO	NO	22-Aug	NO	=	NO		4
114	23585	Timothy Ct.	Shonda Null	612-5400	27-Jun	YES	NO	NO	22-Aug	NO	=	NO	322131	4
115	23586	Timothy Ct.	George Resindez	206-1020	22-Jun	YES	YES	VC=1.3	22-Aug	NO	<	NO		4

	Tier #1 (at or above MCLs)
	Tier # 2 (50% MCLs)
	Tier #3 (detections below 50% MCLs)
	Tier #4 (No Detections)

93 Second Round Samples		12.17%	Tier 1 =	14
57 with equal results (=)		8.70%	Tier 2 =	10
15 with Results Less Than (<)		30.43%	Tier 3 =	35
17 with Results Greater Than (>)		48.70%	Tier 4 =	56
4 with Mixed Results			TOTAL	115

Added Two (2) Tier 2 Filtration Systems

Rorke @ 23510 Broadwood
Norman @ 23433 Broadwood

50 Residents with 2 Consecutive Non-Detect Samples

WEBB, COREY

From: David D. Jeffers, L.P.G. [djeffers@robertsenvserv.com]
Sent: Thursday, September 13, 2007 3:55 PM
To: WEBB, COREY; jhulewicz@elkhartcounty.com
Subject: Updated Meadow Farms Testing Data (2nd Round)
Attachments: Geocel - Meadow Farms Res Wells Results (Round 2).pdf; Meadow Farms Status List (9-10-07).pdf

Gentlemen,

Attached are the new status table and map reflecting the 2nd round results. As expected some were a little higher, some a little lower, and some the same. We have 50 residences with two (2) NDs in a row (initial plus confirmed). We had three (3) major differences:

Resindez @ 23586 Timothy Ct. was 1.3 ppb VC and now ND – will continue with previously installed filtration system

Rorke @ 23510 Broadwood was ND and now 1.1 ppb VC – Installed new filtration system on 9/7/07

Norman @ 23433 Broadwood was 0.7 ppb VC and now 1.0 ppb VC – Filtration system scheduled for install

The Norman household is within the normal up/down range of sampling results, but the Rorke/Resindez situation is a little more significant. I will sample Resindez again in the near future to confirm this ND. Yes, these 2 homes were sampled on the same day during the initial round, but the good thing is that Rorke had bottled water almost immediately after sampling, which he said he uses, and he also has an RO system at the kitchen tap.

Of note is the nice buffer of ND homes along CR 106 and Timothy Ct. between the Geocel plume and the Lane Street stuff.

The table has columns for 1st round contaminant results and 2nd round results and a delta (little triangle) column that says if the 2nd round was >, <, or = to the first round results. This is summarized at the bottom of the table. We sample all Tier 3 and Tier 4 homes for a total of 93 homes that were re-sampled. I added the Resindez home even though they were a Tier 2 residence just because they were such an anomaly during the first round.

Also, Corey, have you heard anything regarding the finalization of the VRA? I guess it was sent down (with Geocel signatures) about 10-days or so ago.

Feel free to call or e-mail with any questions.

Thanks,

Dave

David D. Jeffers, L.P.G.

ROBERTS ENVIRONMENTAL SERVICES, LLC

2112 Carmen Court

Goshen, Indiana 46526

Ph: (574) 537-0881

Fax: (574) 537-9021

Cell: (574) 849-3470

Visit Our Website at: www.robertsenvserv.com

or www.Phase-1-ESA.com

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9/14/2007

076

WEBB, COREY

From: David D. Jeffers, L.P.G. [djeffers@robertsenvserv.com]
Sent: Thursday, September 13, 2007 3:55 PM
To: WEBB, COREY; jhulewicz@elkhartcounty.com
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David D. Jeffers, L.P.G.

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Goshen, Indiana 46526


Ph: (574) 537-0881

Fax: (574) 537-9021

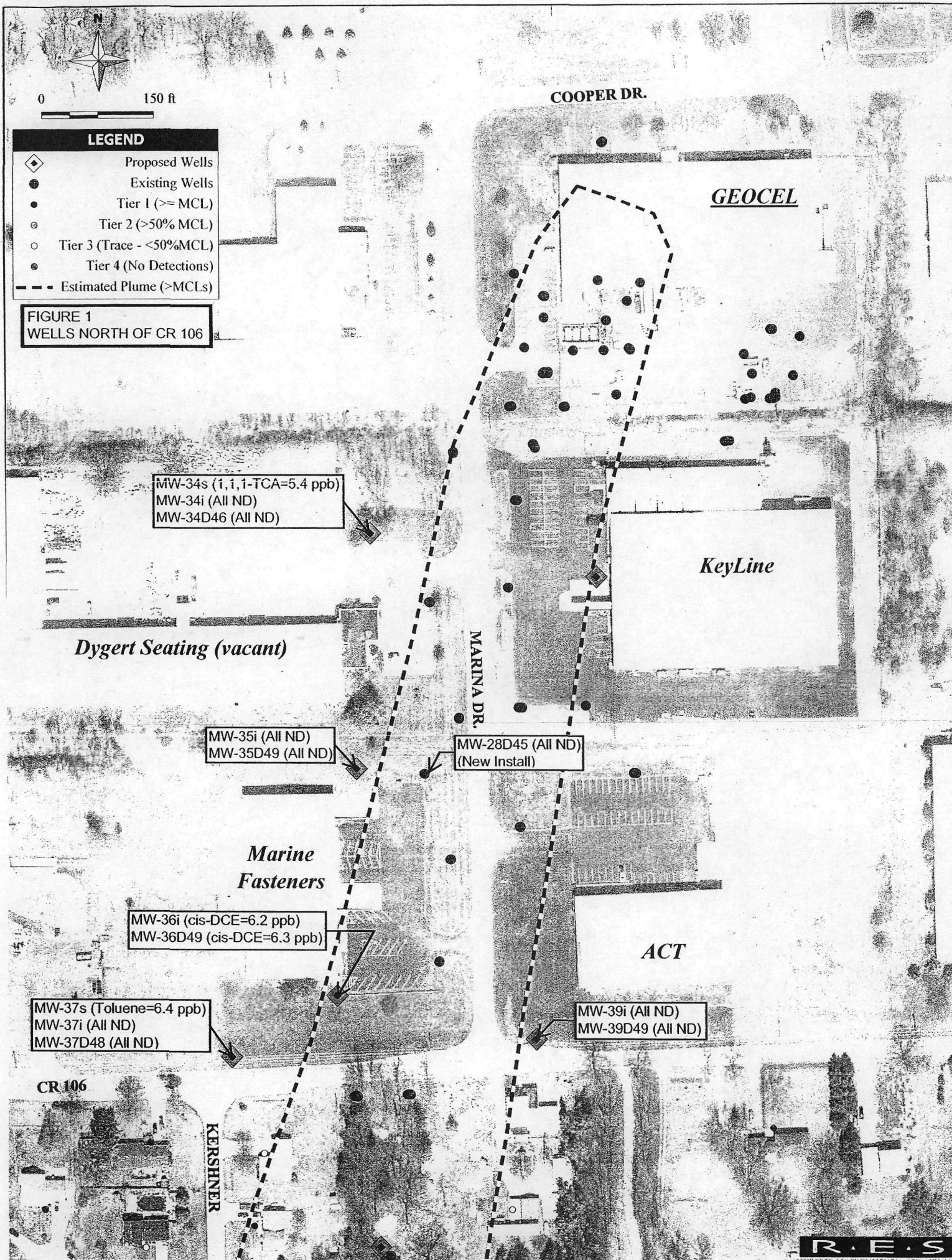
Cell: (574) 849-3470

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9/14/2007



CR 106

KERSHNER

TIMOTHY

MW-38s (All ND)
MW-38i (All ND)
MW-38D48 (Toluene = 5.4 ppb)

MW-40i (All ND)
MW-40D43 (cis-DCE=6.2)

RYE CT.

KERSHNER

WOODLAND

ALMOND

THISTLE

JUANITA

BROADWOOD

DELANY

CRESTWOOD

EASTWOOL

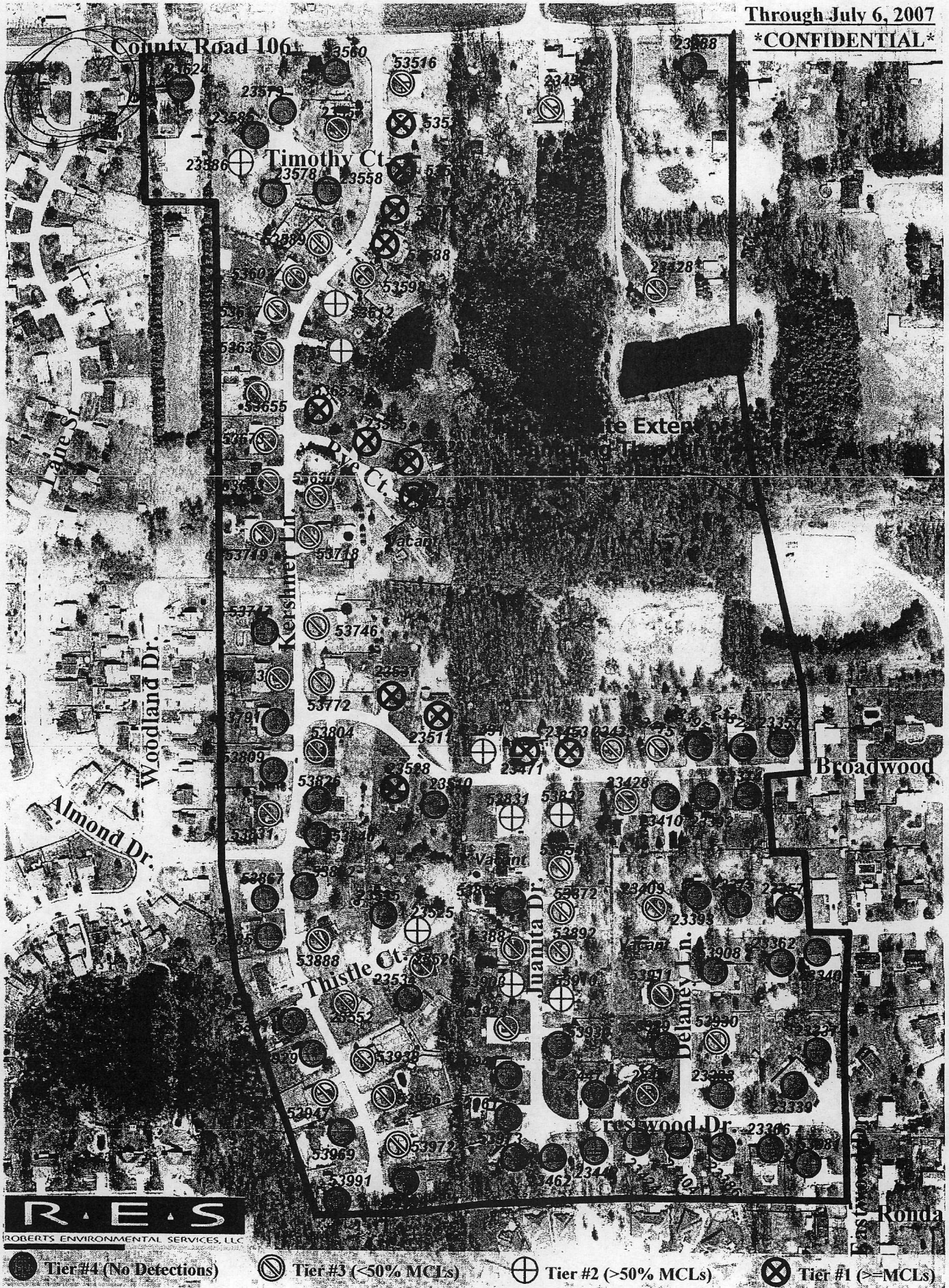
LEGEND


- Proposed Wells
- Existing Wells
- Tier 1 (\geq MCL)
- Tier 2 ($>50\%$ MCL)
- Tier 3 (Trace - $<50\%$ MCL)
- Tier 4 (No Detections)
- Estimated Plume ($>$ MCLs)

FIGURE 2
WELLS SOUTH OF CR 106

Through July 6, 2007

CONFIDENTIAL



WEBB, COREY

From: Dave Jeffers, L.P.G. - RES [djeffers@robertsenvserv.com]
Sent: Monday, July 30, 2007 9:50 AM
To: WEBB, COREY
Subject: Geocel Information
Attachments: Remediation Graphic.pdf; Meadow Farms Status List MASTER Sheet.pdf; Meadow Farms Well Sampling (July 6) Results.pdf

Corey,

Attached is some updated information on Geocel (VRP # 6070601). I will also get together a rough timeline of anticipated activities for you later this week.

Also, when viewing the table, anyone labeled as Tier #1 or Tier #2 has a filtration system installed (22 total). Tier #1 = > MCLs, Tier #2 = > 50% MCLs, Tier #3 = <50% MCLs, and Tier #4 = No Detections. To date, 21 of the 22 filtration systems have had performance testing conducted (the 22nd one will be sampled today). All of the 21 samples have shown no detections at the first sample port. So, the systems are working properly so far. The filtration systems are dual tank activated carbon systems set up in series with sample ports after each tank and a flow meter after the second tank. We will sample each system approximately every 2-weeks for the first 2-months or so in order to establish a good system performance baseline for each home.

Feel free to call with any questions.

Thanks,

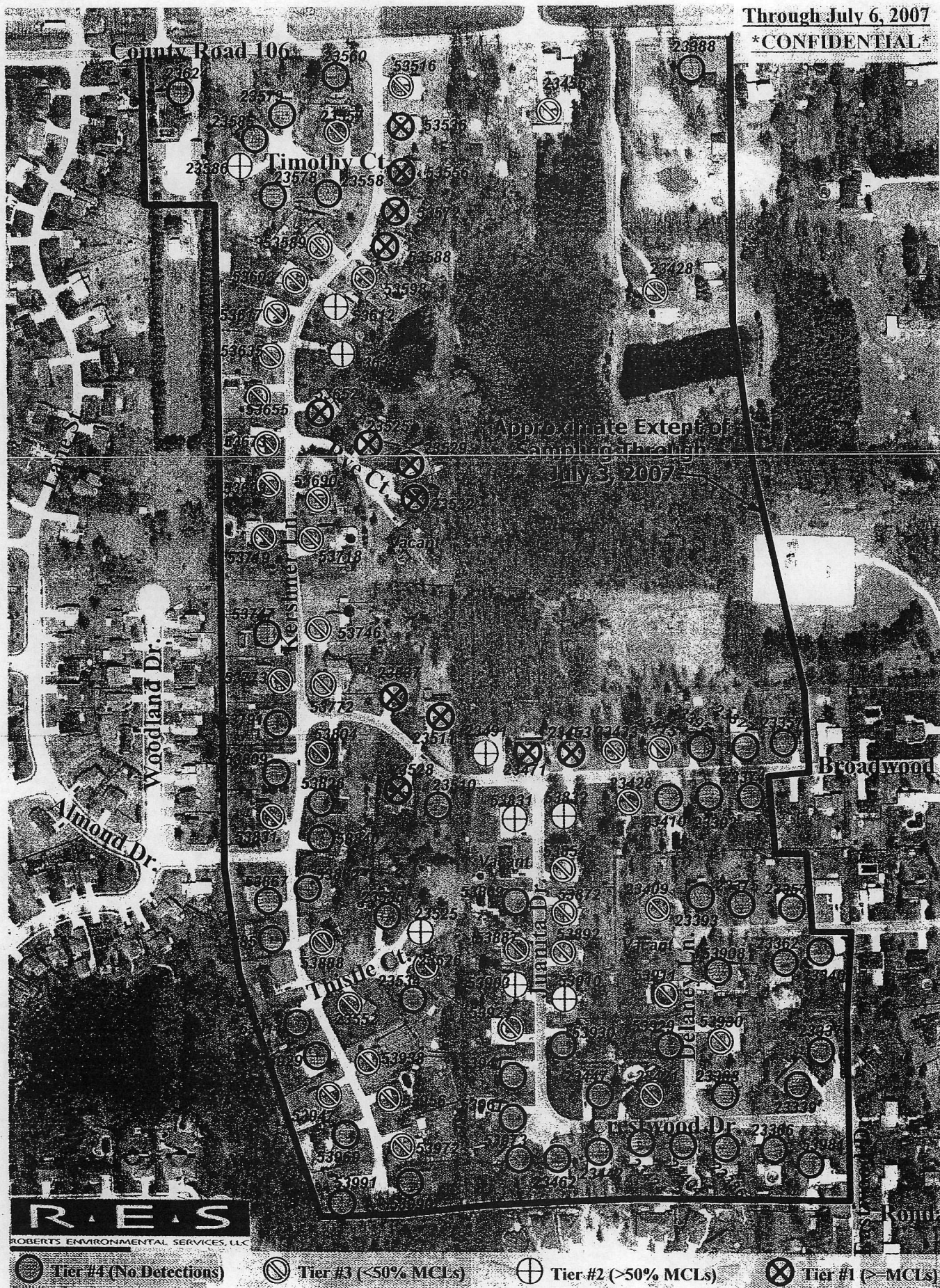
Dave

David D. Jeffers, L.P.G.
ROBERTS ENVIRONMENTAL SERVICES, LLC
2112 Carmen Court
Goshen, Indiana 46526
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or www.Phase-1-ESA.com

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Through July 6, 2007

CONFIDENTIAL



****CONFIDENTIAL** MEADOW FARMS STATUS TABLE (Through 7-6-07)**

#	Ad #	Street	Name	Phone	Sample Date	Bottled Water	Carbon Filtration	Contaminants Detected	MCL Exceedance	Well Log #	Tier	Yrs @
1	23357	Broadwood Dr.	Danny & Pam Kemper		3-Jul	YES	NO	NO	NO		4	u
2	23374	Broadwood Dr.	Steve & Joann Acord	264-6836	3-Jul	YES	NO	NO	NO		4	u
3	23377	Broadwood Dr.	Christina Hoelyfield	596-7923	3-Jul	YES	NO	NO	NO		4	1.5
4	23392	Broadwood Dr.	Angela Wills	264-3041 (c:849-6029)	3-Jul	YES	NO	NO	NO		4	4
5	23395	Broadwood Dr.	Lori Loucks	266-0116 (c:220-3117)	3-Jul	YES	NO	NO	NO		4	13
6	23410	Broadwood Dr.	John Tisdell	320-1712	27-Jun	YES	NO	NO	NO		4	7
7	23415	Broadwood Dr.	Tim Keenoy	262-1620 (c:596-7154)	27-Jun	YES	NO	YES (VC=0.4)	NO		3	22
8	23428	Broadwood Dr.	Patrick Glynn	266-1806 (c:706-1364)	27-Jun	YES	NO	YES (VC=0.4)	NO		3	17
9	23433	Broadwood Dr.	Matt Norman	226-8589	27-Jun	YES	NO	YES (VC=0.7)	NO		3	5
10	23453	Broadwood Dr.	M. Schafer	264-7281	25-Jun	YES	YES	YES (VC=2.3)	YES		1	28
11	23471	Broadwood Dr.	Elizabeth Sanford	262-2093 (c:215-8124)	22-Jun	YES	YES	YES (VC=2.5)	YES		1	u
12	23491	Broadwood Dr.	Gilford Cook	262-9090	20-Jun	YES	YES	YES (VC=1.8)	NO		2	6
13	23510	Broadwood Dr.	Dave & Lynn Rorke	266-4496 (w:848-0344)	22-Jun	YES	NO	NO	NO		4	5
14	23511	Broadwood Dr.	Sam & Redus Voss	266-1014	22-Jun	YES	YES	YES (VC=4.0)	YES	35602	1	8
15	23528	Broadwood Dr.	Kelley Schweinzer	215-6639	22-Jun	YES	YES	YES (VC=2.2)	YES	355827	1	2.5
16	23537	Broadwood Dr.	Todd Fitzgerald (Jeff Gurney)	361-5698 (261-5802 Jeff)	21-Jun	YES	YES	YES (VC=2.4)	YES		1	1
17	23388	CR 106	Ellen Ridenour	266-5547	21-Jun	YES	NO	NO	NO		4	
18	23428	CR 106	Karl Weber	264-0547	25-Jun	YES	NO	YES (1,1-DCA=2.4)	NO		3	34
19	23456	CR 106	Wayne Woodiwiss	264-1388	20-Jun	YES	NO	YES (DCA=2.5, TCA=10)	NO		3	24
20	23560	CR 106	Jan Buchta	262-9140	14-Jun	YES	NO	NO	NO	345074	4	11
21	23624	CR 106	Kevin Bender	264-7462	27-Jun	YES	NO	NO	NO		4	u
22	23337	Crestwood Dr.	Susan Edmundson	264-1274	3-Jul	YES	NO	NO	NO		4	35
23	23339	Crestwood Dr.	Misty Converse	262-3311	3-Jul	YES	NO	NO	NO		4	8 or 9
24	23366	Crestwood Dr.	David Barnes	266-6679	3-Jul	YES	NO	NO	NO		4	5.5
25	23383	Crestwood Dr.	Daniel & Michelle Stegman	262-3440	28-Jun	YES	NO	NO	NO		4	u
26	23386	Crestwood Dr.	Brandon Hutchens		28-Jun	YES	NO	NO	NO	47542	4	u
27	23404	Crestwood Dr.	Shawn & Kymber Reese	266-9848	28-Jun	YES	NO	NO	NO	132636	4	u
28	23421	Crestwood Dr.	David & Susan Coyle		28-Jun	YES	NO	YES (VC=0.2)	NO		3	u
29	23424	Crestwood Dr.	Eric & Carrie Sommer		28-Jun	YES	NO	NO	NO		4	u
30	23442	Crestwood Dr.	Avis Williams	264-2771	27-Jun	YES	NO	NO	NO		4	u
31	23447	Crestwood Dr.	Lynnette Wishart	266-4055	27-Jun	NO	NO	NO	NO		4	u
32	23462	Crestwood Dr.	Russell & Jamie Wild	262-1542	27-Jun	YES	NO	NO	NO		4	1.5
33	23340	Delany Ln.	William Whalen	262-2589	3-Jul	YES	NO	NO	NO		4	25
34	23357	Delany Ln.	Arthur & Evelyn Smoot	264-9111	3-Jul	YES	NO	NO	NO		4	u
35	23362	Delany Ln.	Carol & Patrick Breen	370-2397	3-Jul	YES	NO	NO	NO		4	u
36	23375	Delany Ln.	Jeff & Rita Evans		3-Jul	YES	NO	NO	NO		4	u
37	23393	Delany Ln.	Blanca Avellano	262-8075	28-Jun	YES	NO	NO	NO	281964	4	3
38	23409	Delany Ln.	Lawrence & Debra Black	262-2894	28-Jun	YES	NO	YES (VC=0.6)	NO		3	u
39	53908	Delany Ln.	Colleen Crawford	266-1755 (c:607-8782)	28-Jun	YES	NO	NO	NO		4	8
40	53911	Delany Ln.	Scott Tibbetts	360-7877	28-Jun	YES	NO	YES (VC=0.5)	NO	375735	3	5
41	53929	Delany Ln.	Kent & Lynn Sayre		28-Jun	YES	NO	NO	NO		4	u
42	53930	Delany Ln.	Charles Smith	262-9076	28-Jun	NO	NO	YES (VC=0.2)	NO	47541	3	19
43	53981	Eastwood Dr.	Jeffrey & Karen Walton	266-1173	3-Jul	YES	NO	NO	NO		4	2
44	53831	Juanita Dr.	Dave & Pam Brock	523-2216 (c:596-1643)	21-Jun	YES	YES	YES (VC=1.1)	NO		2	u
45	53832	Juanita Dr.	Joe Bernabe	333-2620 (c:264-4799)	25-Jun	YES	YES	YES (VC=1.3)	NO		2	0.8
46	53854	Juanita Dr.	Lori Ravenscroft	264-4881 (c:361-4797)	25-Jun	YES	NO	YES (VC=0.7)	NO		3	23

****CONFIDENTIAL** MEADOW FARMS STATUS TABLE (Through 7-6-07)**

#	Ad #	Street	Name	Phone	Sample Date	Bottled Water	Carbon Filtration	Contaminants Detected	MCL Exceedance	Well Log #	Tier	Yrs @
47	53869	Juanita Dr.	Eileen Yoder	262-2729	25-Jun	YES	NO	NO	NO	274590	4	31
48	53872	Juanita Dr.	Alma Mercado	262-3287	25-Jun	YES	NO	YES (VC=0.8)	NO		3	0.8
49	53887	Juanita Dr.	Shannon Stopenbach	214-2681	25-Jun	YES	NO	YES (VC=0.7)	NO		3	u
50	53892	Juanita Dr.	Tasha Pitts	206-1583	27-Jun	YES	NO	YES (VC=0.7)	NO		3	u
51	53903	Juanita Dr.	James & Nancy Morningstar	262-3758	25-Jun	YES	YES	YES (VC=1.0)	NO	316262	2	23
52	53910	Juanita Dr.	Matt Stuckey	517-914-3462	25-Jun	YES	YES	YES (VC=1.1)	NO		2	0.2
53	53923	Juanita Dr.	Dave Misura	262-9400 (c:238-5050)	27-Jun	YES	NO	YES (VC=0.6)	NO	340597	3	20
54	53930	Juanita Dr.	Cindy Carrick	264-7881	27-Jun	YES	NO	NO	NO		4	u
55	53941	Juanita Dr.	Patrick Reed	226-0744 (c:215-5238)	27-Jun	YES	NO	NO	NO		4	2.5
56	53961	Juanita Dr.	Zeb & Bessie Wall	262-5095 (c:612-1354)	27-Jun	YES	NO	NO	NO	119597	4	4.5
57	53973	Juanita Dr.	Corina Gonzalez	264-9605 (c:370-4066)	27-Jun	YES	NO	NO	NO	35601	4	3
58	53516	Kershner Ln.	Charles Conley	849-2025	13-Jun	YES	NO	YES (VC=0.3, trans-DCE=0.6, cis-DCE=27)	NO		3	3
59	53536	Kershner Ln.	Jan Yates	266-0245	13-Jun	YES	YES	YES (VC=4.4, trans=1.3, cis=92, DCA=2.5)	YES		1	8
60	53556	Kershner Ln.	John Smolinski	294-6596	13-Jun	YES	YES	YES (VC=6.7, trans=1.6, cis=100, DCA=4.2)	YES		1	25-30
61	53572	Kershner Ln.	Doreen & Shawn Shell	206-1109 (c:322-1299)	20-Jun	YES	YES	YES (VC=10, trans=2.0, cis=140, DCA=7.2)	YES		1	7
62	53588	Kershner Ln.	Pat Miller	262-0736	13-Jun	YES	YES	YES (VC=8.4, trans=1.8, cis=120, DCA=12)	YES		1	20
63	53589	Kershner Ln.	Sally Blandford	262-2884	20-Jun	YES	NO	YES (VC=0.8, cis-DCE=14)	NO		3	31
64	53598	Kershner Ln.	Jeff & Carol Eppert	262-8724	20-Jun	YES	NO	YES (VC=0.7)	NO		3	18
65	53603	Kershner Ln.	Christopher Wilkins	262-9805	20-Jun	YES	NO	YES (VC=0.3, cis-DCE=5.6)	NO		3	u
66	53612	Kershner Ln.	Jim Lindzy	264-6368 (c:606-8745)	20-Jun	YES	YES	YES (VC=1.8, cis-DCE=23, DCA=1.9)	NO	189921	2	20
67	53617	Kershner Ln.	Jodi Wilson	262-3058	21-Jun	YES	NO	YES (cis-DCE=1.7)	NO		3	u
68	53634	Kershner Ln.	Dallas & Karen Johnston	262-2064	13-Jun	YES	YES	YES (VC=1.8, cis-DCE=20, DCA=2.2)	NO		2	31
69	53635	Kershner Ln.	James & Lavila Ryder	264-6938 (c:322-3180)	21-Jun	YES	NO	YES (cis-DCE=1.8)	NO		3	
70	53652	Kershner Ln.	Doug Stone	361-5710	13-Jun	YES	YES	YES (VC=2.0, cis-DCE=12, DCA=1.7)	YES		1	0.8
71	53655	Kershner Ln.	Myron & Ivonne Miller	262-4347	20-Jun	YES	NO	YES (cis-DCE=1.1)	NO	379329	3	u
72	53673	Kershner Ln.	Kenny Eaton	266-5994 (c:612-2304)	20-Jun	YES	NO	YES (cis-DCE=4.8)	NO		3	5
73	53690	Kershner Ln.	William Beck	262-3116	20-Jun	YES	NO	YES (VC=0.7, cis-DCE=7.3)	NO		3	30
74	53693	Kershner Ln.	Paul Jones	264-3423 (c:370-5353)	20-Jun	YES	NO	YES (cis-DCE=1.3)	NO		3	1.1
75	53718	Kershner Ln.	Julie Reynolds	262-8599 (c:261-3056)	20-Jun	YES	NO	YES (VC=0.3, cis-DCE=5.0)	NO		3	12
76	53719	Kershner Ln.	Ronald Rouch	266-1518	20-Jun	YES	NO	YES (cis-DCE=1.0)	NO		3	8
77	53746	Kershner Ln.	Paula Sanders	262-2322	20-Jun	YES	NO	YES (VC=0.8, cis-DCE=3.7)	NO		3	10
78	53747	Kershner Ln.	Diane McKibbin	262-4646 (c:202-7788)	20-Jun	YES	NO	NO	NO		4	9
79	53772	Kershner Ln.	Paulette Rice	262-8200 (c:202-4693)	21-Jun	YES	NO	YES (VC=0.2, cis-DCE=1.0)	NO		3	u
80	53773	Kershner Ln.	Danny Books	206-8996 (c:849-5000)	20-Jun	YES	NO	YES (cis-DCE=0.6)	NO		3	6
81	53791	Kershner Ln.	Leonard Parker	266-9146	21-Jun	YES	NO	NO	NO		4	u
82	53804	Kershner Ln.	Beth Hewitt	849-3333 or 850-6427	21-Jun	YES	NO	YES (VC=0.4, cis-DCE=0.8)	NO		3	u
83	53809	Kershner Ln.	Donna Haus	206-0963 (c:606-7515)	21-Jun	YES	NO	NO	NO	310867	4	u
84	53826	Kershner Ln.	Becky (Fran McClelland)	264-5357 or 596-5836	22-Jun	YES	NO	NO	NO	363557	4	u
85	53831	Kershner Ln.	Becky Pilmore	266-0560 (c:320-5319)	22-Jun	YES	NO	YES (VC=0.3, cis-DCE=0.5)	NO		3	5.5
86	53840	Kershner Ln.	Julie DeSchaine	266-4317 (c:596-4528)	21-Jun	YES	NO	NO	NO	355830	4	12
87	53862	Kershner Ln.	Mike Taylor	206-0216 (c:612-7936)	21-Jun	YES	NO	NO	NO		4	10
88	53867	Kershner Ln.	Kris Carpenter	266-8130 (c:596-1474)	21-Jun	YES	NO	NO	NO	35609	4	4
89	53885	Kershner Ln.	Jeanie Nunemaker	266-4547 (c:596-0924)	25-Jun	YES	NO	NO	NO		4	4
90	53888	Kershner Ln.	Nancy Garcia (Maria=english)	264-3708 (c:329-6579)	25-Jun	YES	NO	YES (VC=0.3)	NO	359238	3	3
91	53893	Kershner Ln.	Cesar Osorio	206-9150 (c:621-0695)	3-Jul	YES	NO	NO	NO		4	0.1
92	53911	Kershner Ln.	Donald Ray	262-2086	25-Jun	YES	NO	NO	NO	355790	4	20

****CONFIDENTIAL** MEADOW FARMS STATUS TABLE (Through 7-6-07)**

#	Ad #	Street	Name	Phone	Sample Date	Bottled Water	Carbon Filtration	Contaminants Detected	MCL Exceedance	Well Log #	Tier	Yrs @
93	53929	Kershner Ln.	Laura Marquez	202-6697	27-Jun	YES	NO	NO	NO		4	0.1
94	53938	Kershner Ln.	Karen (Joe) Wucjkik	264-1773 (c:807-2426)	27-Jun	YES	NO	YES (VC=0.3)	NO		3	25
95	53947	Kershner Ln.	Robert Quarandillo	266-7958	27-Jun	YES	NO	YES (VC=0.4)	NO		3	4
96	53956	Kershner Ln.	Jason Barfell	903-4472	27-Jun	YES	NO	YES (VC=0.4)	NO		3	1
97	53969	Kershner Ln.	Bob & Kim Osborne	262-8786 (c:596-2363)	27-Jun	YES	NO	NO	NO	3754	4	15
98	53972	Kershner Ln.	Ken & Mariann Zmudzinski	262-8184	27-Jun	YES	NO	YES (VC=0.3)	NO		3	u
99	53990	Kershner Ln.	James Cassella	262-4129 (c:612-2939)	27-Jun	YES	NO	NO	NO	352738	4	2.5
100	53991	Kershner Ln.	Gordon Sherven	266-6052 (c:596-1873)	27-Jun	YES	NO	NO	NO		4	12
101	23525	Rye Ct.	Bill Gillespie	612-1238	13-Jun	YES	YES	YES (VC=14, trans=0.6, cis=44, DCA=13)	YES		1	29
102	23529	Rye Ct.	Cheryl Raber	262-2282 (c:215-6877)	13-Jun	YES	YES	YES (VC=7.9, cis=DCE=7.0, DCA=3.6)	YES		1	31
103	23532	Rye Ct.	Rod Morgan	322-0263	13-Jun	YES	YES	YES (VC=11, cis=DCE=1.5, DCA=1.1)	YES		1	7
104	23538	Rye Ct.	Roger Troyer (Realtor)	361-0503	19-Jul	NO	NO	YES (VC=10, cis=DCE=0.7)	YES		1	0
105	23525	Thistle Ct.	Sharie & Mark Wilkey	262-8613	25-Jun	YES	YES	YES (VC=1.1)	NO		2	u
106	23526	Thistle Ct.	Ken & Mary Shelt	266-6687	25-Jun	NO	NO	YES (VC=0.5)	NO		3	u
107	23534	Thistle Ct.	Mike Marty	264-4792	25-Jun	YES	NO	NO	NO	278246	4	u
108	23535	Thistle Ct.	Clara Latham	262-4208 (c:596-4869)	25-Jun	YES	NO	NO	NO		4	18
109	23552	Thistle Ct.	Nira Wright	262-2033	25-Jun	YES	NO	YES (VC=0.4)	NO	47521	3	18
110	23557	Timothy Ct.	Tim O'Neill	215-3989	14-Jun	YES	NO	YES (cis=DCE=0.9)	NO		3	15
111	23558	Timothy Ct.	Ernie & Rhonda Attkisson	262-3329 (c:206-6375)	20-Jun	YES	NO	NO	NO	14521	4	30
112	23578	Timothy Ct.	Sam & Ellen Dickey	264-1881 (c:206-6277)	21-Jun	YES	NO	NO	NO		4	u
113	23579	Timothy Ct.	Bobbi McClain	320-4830	27-Jun	YES	NO	NO	NO		4	15
114	23585	Timothy Ct.	Shonda Null	612-5400	27-Jun	YES	NO	NO	NO	322131	4	10
115	23586	Timothy Ct.	George Resindez	206-1020	22-Jun	YES	YES	YES (VC=1.3)	NO		2	u

Tier #1 (at or above MCLs)
 Tier #2 (50% MCLs)
 Tier #3 (detections below 50% MCLs)
 Tier #4 (No Detections)
 u = unknown

12.17%
 7.83%
 33.91%
 46.09%

>80%

Tier 1 =	14
Tier 2 =	9
Tier 3 =	39
Tier 4 =	53
TOTAL	115

Anticipated Remediation Approach

Note: The anticipated remediation approach illustrated below is preliminary and is subject to change as additional data is collected.

